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1898 - *Forbes Seeds* - 1955

*This catalog offers a great
selection of garden items—
Use it for reference as the
information will help make
your garden successful.*

FORBES GARDEN CENTERS

**Morris Turnpike at Millburn Ave., Millburn
and Route 10, Hanover, N. J.**

(one mile west of the Livingston Traffic Circle)

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**SPRING
1955**

STOP AT .. FORBES GARDEN CENTER

on Route 10, Hanover, N. J. **WHIPPANY**
8-0375

(10-min. drive from Chatham; mile west of Livingston Circle)

There our new store is open from March to December. With one stop you will find the very best quality in

- Flower Seeds, Annual Flower Plants,
- Perennial Flower Plants (in pots),
- Roses and Hardy Vines (in pots),
- Evergreens, Flowering Shrubs, Azaleas,
- Iris, Peonies and Poppies (in pots),
- Garden Chrysanthemums (in pots),
- Gladiolus, Summer-flowering Bulbs,
- Giant Pansy Plants, Asparagus Roots,
- Vegetable Seeds, Vegetable Plants,
- Lawn Seeds, Fertilizers, Humus and
- Peat Moss, Insecticides, Weed Killers,
- Books, Tools, and other Garden Needs

and at **FORBES GARDEN CENTER** at
the intersection of Morris Turnpike and Millburn

Ave., Millburn **MILLBURN 6-4430**

(former Bowling Alleys. Free easy parking on Farley Place)

See Our Daffodil—Tulip Displays

At our Hanover Garden Center we offer a preview of the finest sorts in full bloom. In April you'll find 60 varieties of Daffodils in all their sunny glory. In April and May you'll see 170 varieties of superb Tulips. From March on you'll see the little flowers from Snowdrops to Wood Hyacinths, including 30 Botanical Tulips.

Ask for our Finding List showing the varieties and prices for our large size bulbs. Choose your favorites and order your bulbs in May for delivery at planting time in October.

A Forbes Gift Certificate—

makes a thoughtful gift for your gardening friends

Brighten up a friend's garden year with a Forbes Gift Certificate for any amount you wish to give. It covers all garden items in season at the time the certificate is used to make a selection.

Something New!

STARTED POT-GROWN PEONY PLANTS

Last fall we potted dormant roots and now offer fine started Peony plants, fully alive and growing, established in 7x9 inch pots ready for your garden this spring.

DOUBLE PEONIES

Auguste Dessert. 8.7. Rose-red narrowly edged with silver. \$1.75 each. 3 for \$4.95.

Festiva Maxima. 9.3. Early white with crimson center markings. \$1.55 each; 3 for \$4.35.

Frances Willard. 9.1. A very beautiful blush white. \$1.55 ea.; 3 for \$4.35.

Karl Rosenfield. 8.8. Free-blooming; bright crimson flowers, \$1.55 each; 3 for \$4.35.

Katherine Havemeyer. 9.0. Soft flesh pink full double. \$1.55 each; 3 for \$4.35.

Longfellow. 9.0. Full; of distinct fadeless bright crimson. \$1.75 each; 3 for \$4.95.

Mary Brand. 8.7. Fragrant dark crimson-red flowers. \$1.75 each; 3 for \$4.95.

Mons. Martin Cahuzac. 8.8. Dark purple-garnet, black reflex, \$2.25 ea.; 3 for \$6.45.

Primevere. 8.6. Deep creamy yellow with sulphur yellow center. \$1.75 ea.; 3 for \$4.95.

Sarah Bernhardt. 9.0. Fragrant deep rose-pink tipped silver. \$1.55 each; 3 for \$4.35.

Solange. 9.7. Waxy white with orange and gold brown center. \$1.55 each; 3 for \$4.35.

Walter Faxon. 9.3. Free blooming; delightful salmon-rose flowers. \$1.75 each; 3 for \$4.95.

SPECIES PEONIES

Officinalis plena. These very fragrant doubles bloom 2 to 3 weeks earlier than the above. Ht. 2½ ft. Pink, Red, or White, each \$2.25 each; 3 for \$6.45.

Something New!

STARTED

POT-GROWN

POPPY PLANTS

Last fall we potted dormant roots and now offer fine started Poppy plants, fully alive and growing, established in 6-inch pots all ready for your garden this spring.

Barr's White. Beautiful, large, pure white satiny flowers with purplish black centers.

Betty Ann. Very beautiful, large flowers of La France pink without blotches.

Big Jim. Huge flowers of deep maroon on strong, free blooming plants.

Cerise Beauty. Very free-flowering cerise-rose blooms having black-purple centers.

Flashy Glow. Large, bright yellow flowers with a suffusion of orange.

Gold of Ophir. Dwarfier plants, 26 inches high, with big golden orange flowers.

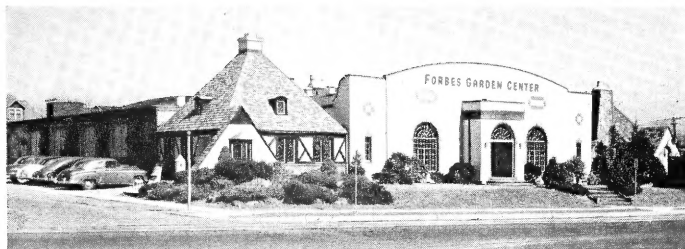
Henry Cayeaux Improved. Large blooms of old rose shaded with burgundy.

Hercules. Tremendous, true scarlet flowers on extra tall sturdy plants 3½ feet high.

Joyce. Big flowers of soft red with a suffusion of cherry-red on tall strong plants.

Wurtembergia. Tremendous flowers of cerise-scarlet with black centers.

In 6-inch pots, any of the 10 varieties, 80c each; 3 for \$2.25; \$8.40 per doz.

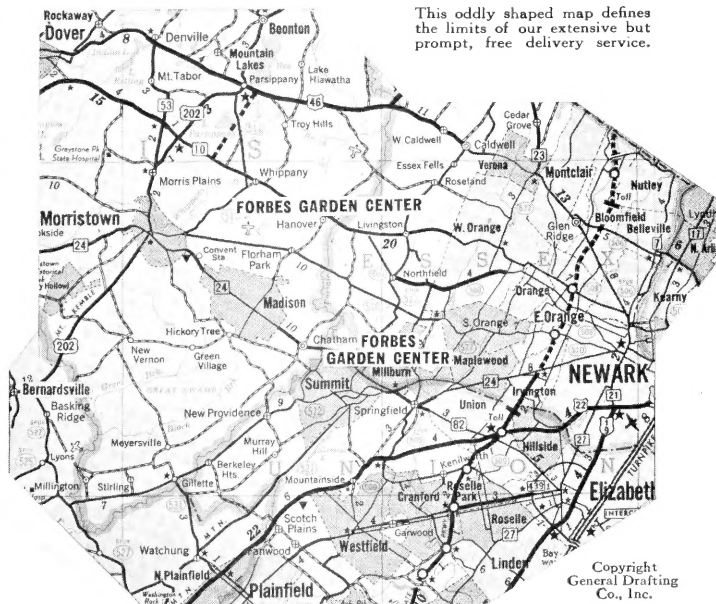


**at the intersection of Morris Turnpike
and Millburn Ave., Millburn**
(former Bowling Alleys; free easy parking on Farley Place)
Phone: Millburn 6-4430

For Free Delivery—Minimum Value \$4.00

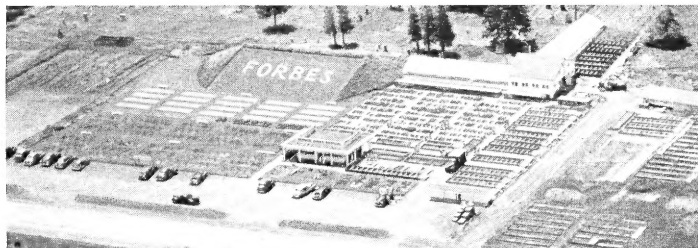
Now centrally located to serve your garden needs in the area below. Our Delivery Service covers all points shown on this map.

This oddly shaped map defines the limits of our extensive but prompt, free delivery service.



TWO FORBES GARDEN CENTERS

**For Better Things
For Your Garden**



and Route 10, Hanover, N. J.

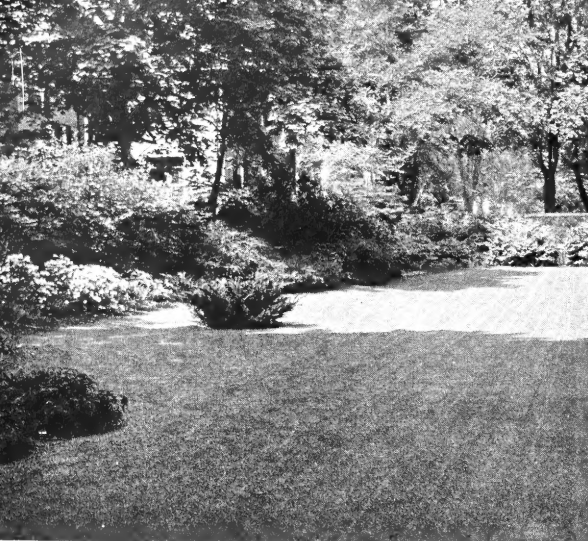
(10-min. drive from Chatham; mile west of Livingston Circle)
Phone: Whippany 8-0375

Why buy Dormant Roses?

Dormant means sleeping. Unfortunately many sleeping roses never wake up. They may have dried out and died, or they may be too sleepy to ever start growing.

Forbes Pot-Grown Roses are Awake!

Bursting with life before you buy them, they have been awake and growing for weeks. We discard the sleepy heads. Forbes Pot-Grown Roses are best for you because all are the largest, strongest bushes (not mail order size) grown specially for us under ideal conditions by the leading rose grower of the northwest. We start them in 7 x 9-inch pots, to give ample room for the heavy root systems to develop, and grow them on outdoors just as nature intended. They cost slightly more than dormant roses but are well worth it, and are easily planted in your garden without setback. The varieties are the finest available. See pages 24 to 27.



Above, from our Elite Lawn Seed

FEED AND SEED YOUR LAWN

To have a lasting green lawn be sure to replenish it each year with a light application of Lawn Seed and a proper feeding of plant food. For a quick start use pulverized, weed-free Sheep-Manure, for best results use 8-6-5 Lawn-Spur Fertilizer, and for a long pull Steamed Bone Meal. For these materials see pages 4 and 5.

Below, from the "Forbes" Lawn Seed



FORBES LAWN SEED FOR EVERY NEED

The best in seeds and care is essential to have a fine lawn. Forbes quality, known the country over, has set a high lawn standard, and Forbes service is at your disposal at all times.

Many grades of lawn grass seeds of varying qualities are offered for sale. Many contain seeds of worthless character, chaff, and weed seeds. Often a single variety or a blend of two grasses is sold as lawn seed. The best lawn is produced from a mixture of several natural grasses. To be of greatest value, these grasses must be properly proportioned in the mixture so that there is enough of each to serve its specific purpose. The mixtures we offer, made up from special formulæ, are the result of years of experiment and of practical tests. Each mixture will produce a turf ideally suited to each purpose. Complete directions with every package.

ELITE LAWN SEED

A very superior blend of only the finest and most desirable separate lawn grasses in such proportion as to produce a perfect lawn, but one which requires no special care such as an all-Bent Mixture. The Elite turf is of very fine texture and splendid deep green color yet is sturdy and withstands normal wear. It lends itself to easy mowing and because of its thick, close root-mat discourages the growth of ordinary weeds. It is not mixed to sell at a fixed price and is better value than cheaper mixtures.

Compare this analysis with all others. There's no better mixture at any price. Grows a perfect enduring lawn of which you'll be justly proud.

Purity		Germ.	
4.9%	Bent, Highland	90%	Enough Bent to give extra fine texture;
29.7%	Fescue, Illahee	90%	a heavy proportion of the two very finest
49.0%	Kentucky Blue	85%	lawn grasses, viz. the old standby, Ken-
14.3%	Fancy Redtop	90%	tucky Blue and the new marvel grass,
			Illaehe Fescue, both fine, wear-resistant
			and permanent. A small percentage of
97.9%	Total purity		Fancy Redtop gives a quick cover and
.2%	Weeds		nurses the others along. Sow 1 lb. per
1.9%	Inert matter		200 sq. ft. of new lawn, twice that amount
100.0%	Actual Germination 87.5%		for quick results.

Lb. \$1.75; 5 lbs. \$8.50; 10 lbs. \$16.50; 25 lbs. \$40.75; 100 lbs. \$160, delivered

THE "FORBES" LAWN SEED

A rapid-growing combination of grasses which produces in from four to six weeks, a permanent lawn capable of withstanding heavy wear. It contains seeds of six dwarf evergreen and perennial grasses of fine lawn texture. Definite proportions of these are mixed very thoroughly. The resultant lawn has a fine, even, rich green appearance and a permanency not usually found. Known for its high quality, it is higher priced than ordinary store mixtures but cheapest in the long run. It contains only heavy, re-cleaned, live seeds, free from worthless chaff, timothy and weed seeds. No White Clover seed in this mixture.

This is our second quality mixture for sunny lawns and is better than many of the first quality mixtures offered. It produces an excellent lawn.

Purity		Germ.	
4.9%	Bent, Highland	90%	Here is what you get:—enough Bent
4.9%	Fescue, Chewings	90%	to give an extra fine texture; almost two-
24.8%	Fescue, Illahee	90%	thirds of the total in the finest-leaved,
32.4%	Kentucky Blue	85%	permanent and wear-resistant lawn
14.2%	Fancy Redtop	90%	grasses, Chewings Fescue, Illahee Fescue
14.8%	Ryegrass, Perennial	90%	and Kentucky Blue; and enough fine-
			leaved Fancy Redtop to complement the
96.0%	Total purity		above, and, with the Perennial Ry-
.3%	Weeds		grass, to give a quick cover and to nurse
3.7%	Inert matter		the other lawn grasses along. Sow 1 lb.
100.0%	Actual Germination 87.5%		per 200 sq. ft. of new lawn, twice that

Lb. \$1.55; 5 lbs. \$7.50; 10 lbs. \$14.50; 25 lbs. \$35.75; 100 lbs. \$140, delivered

FORBES LAWN SEED FOR EVERY NEED

When comparing prices look on the package for the percentage analysis required by Law.

BRANCH BROOK PARK LAWN SEED

Recommended for use where the low cost of materials is of more importance than extreme fineness of turf. Will withstand normal wear and has a fine color. We include no White Clover in this mixture.

This, our cheapest mixture, makes a good lawn but it is not as fine in texture. It serves well for back areas as it better withstands hard wear.

Purity	Germ.
9.8% Fescue, Chewings	90%
14.5% Fescue, Meadow	90%
17.0% Kentucky Blue	80%
28.5% Fancy Redtop	90%
14.9% Ryegrass, Domestic	90%
9.9% Ryegrass, Perennial	90%
94.6% Total purity	
.4% Weeds	
5.0% Inert matter	
100.0% Actual Germination 88.0%	

Lb. \$1.35; 5 lbs. \$6.50; 10 lbs. \$12.50; 25 lbs. \$30.75; 100 lbs. \$120, delivered

SHADY PLACE LAWN SEED

It is difficult to grow grass in the shade and under trees because the trees use up nearly all the food and moisture in the soil. This mixture will thrive better than any other in the shade.

This mixture contains a great predominance of grasses which thrive naturally in shaded places. The lawn it produces is very excellent.

Purity	Germ.
4.9% Bent, Highland	90%
24.5% Fescue, Chewings	90%
14.8% Fescue, Illahee	90%
12.8% Kentucky Blue	80%
19.0% Fancy Redtop	90%
18.0% Rough-stalked Meadow	85%
94.0% Total purity	
.4% Weeds	
5.6% Inert matter	
100.0% Actual Germination 87.5%	

Lb. \$1.55; 5 lbs. \$7.50; 10 lbs. \$14.50; 25 lbs. \$35.75; 100 lbs. \$140, delivered

TERRACE LAWN SEED

The grasses used for a sloping bank or terrace must have such roots as will withstand the washing caused by heavy rains. These deep roots will better withstand drought during the summer.

A heavy proportion of grasses which root deeply is needed to make a lasting lawn on a terrace where the soil is usually on the dry side.

Lb. \$1.55; 5 lbs. \$7.50; 10 lbs. \$14.50; 25 lbs. \$35.75; 100 lbs. \$140, delivered

MERION BLUEGRASS

The new wonder grass that always stays green, thrives under a close mowing, withstands heat, drought and disease and crowds out crabgrass and other weeds. It establishes slowly but is permanent. Sow $1\frac{1}{2}$ lbs. per 1000 sq. ft. $\frac{1}{2}$ lb. \$2.35; lb. \$4.65; 5 lbs. \$23; 10 lbs. \$45.50.

MERION BLEND

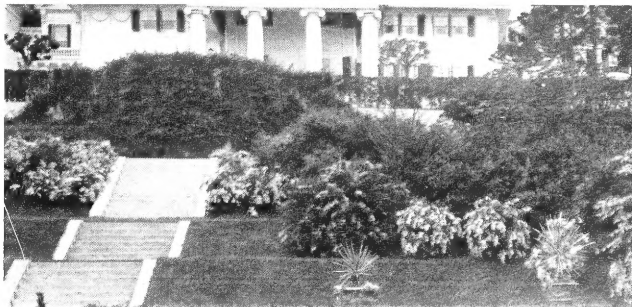
A special lawn grass mixture designed for the very finest lawns. It contains 40% Merion Bluegrass, 45% Illahee Fescue and 15% Highland Bent. All are fine permanent lawn grasses. Sow $1\frac{1}{2}$ lbs. per 1000 sq. ft. $\frac{1}{2}$ lb. \$1.45; lb. \$2.85; 5 lbs. \$14; 10 lbs. \$27.50; 25 lbs. \$67.50.



From our Branch Brook Park Lawn Seed



Sown with our Shady Place Lawn Seed Below, from our Terrace Lawn Seed



For White Clovers and Separate Grass Seeds, see page 43

FORBES FERTILIZERS AND SOIL-BUILDERS

These prices are subject to change without notice

The success of your garden depends upon the quality of the soil. All plants need ample plant-food. By ample is meant not only the quantity but also the availability. The soil must hold plant-food and moisture, yet be in such condition that the plant roots can absorb what is needed. It should be sufficiently rich in humus or decayed vegetation to absorb excess moisture and hold it for later use. It should have enough clay to give it some body and enough sand to make it porous and friable. But even with a perfect soil, plant-food must be added each year to replace that which is consumed. Your soil is of the greatest importance to your gardening success.

Active. Without odor this quickly converts leaves, garbage, grass clippings or other waste into valuable humus-fertilizer in 3 weeks. No. 2 can treat 400 lbs. compost, \$1; No. 7 treats up to 1700 lbs., \$2.95; No. 20 treats 2 tons, \$5.95.

Adco, Super. For making artificial manure, stack straw, leaves and all other vegetable waste, layer by layer, mix it with Adco and keep it wet until well-rotted. A 20-lb. bag with 12 wheelbarrow loads of garden waste, makes $\frac{1}{2}$ ton of manure. 5-lb. pkg. \$1.50; 20-lb. bag \$3.15; 100 lbs. \$14.75.

African Violet Soil. A prepared acid soil for the best culture of African Violets, Begonias, Gloxinias, etc. 1 $\frac{1}{2}$ lbs. 25c; 4 lbs. 50c.

African Violet Plant Food, Roigina. Is readily soluble in water. Promotes longer blooming periods, produces more and larger flowers. Envelope of 18 capsules, 35c; 3 for \$1.

AGRINITE. A 100 percent organic fertilizer with 8 percent organic nitrogen which becomes available gradually through a long period. It increases the moisture holding capacity of all soils. It can be applied at any time without danger of burning. Apply 4 lbs. per 100 sq. ft. on lawns, flower beds, etc. 25 lbs. \$1.65; 50 lbs. \$2.95; 80 lbs. \$4.45; 400 lbs. \$21.75; 800 lbs. \$40.

Aluminum Sulphate. Use to acidify the soil for rhododendrons, azaleas, laurel and other sour-soil plants $\frac{1}{2}$ pound per square yard and water thoroughly. To keep Hydrangeas blue, water with 3 oz. Aluminum Sulphate dissolved in 1 gal. 5 lbs. 65c; 10 lbs. \$1.10; 25 lbs. \$2.10; 100 lbs. \$5.75.

BONE MEAL. As it has very long-lasting qualities, this is desirable for fertilizing all hard-wooded plants, including roses, flowering shrubs, fruit bushes, and trees. A liberal application mixed into the soil before planting bulbs of tulips, hyacinths, etc., will result in remarkable size and brilliancy of flowers. For lawns it is a dependable fertilizer, as it contains the essentials that grass requires. For this, use 25 lbs. for every 1000 sq. ft. For trees and vines, use 2 to 4 lbs. each. For roses and pot-plants, use 1 part to about 50 parts of soil. For field and garden crops and new lawns, use 50 lbs. for every 1000 sq. ft. 5 lbs. 65c; 10 lbs. \$1.15; 25 lbs. \$2.25; 50 lbs. \$3.75; 100 lbs. \$6.65; 500 lbs. \$32; 1000 lbs. \$63.



Broadleaf Evergreens.

Analysis 6-10-4. A special acid fertilizer for use on Azaleas, Laurel, Rhododendron, Blueberries and other acid-loving plants. Supplies needed plant food but also acidifies the soil. Apply 3 lbs. per 100 sq. ft. and water well. 10 lbs. \$1.15; 25 lbs. \$2.20; 50 lbs. \$3.10; 100 lbs. \$5.80; 500 lbs. \$26; 1000 lbs. \$49.

Buckwheat Hulls, Mul-Tex. This, an ideal mulch for all roses and perennial plants, is porous enough to permit the water to get through the soil and always look neat and attractive. Reduces upkeep because it prevents weeds from growing. 100 lbs. covers 125 sq. ft. one inch deep. 50 lbs. \$2.75; 100 lbs. \$5; 500 lbs. \$24.

Cotton-Seed Meal. Analysis 7-2-2. An all-organic plant food for Azaleas, Laurel, Rhododendron, Holly and all other acid soil plants as it contains 7 per cent Nitrogen and tends to keep the soil acid. 10 lbs. \$1.30; 25 lbs. \$2.40; 50 lbs. \$4.25; 100 lbs. \$7.50; 500 lbs. \$36.50; 1000 lbs. \$70.

COW MANURE. Analysis 2-1-1. Dry, well pulverized and easy to handle, this is an ideal soil-builder and mulch. It is fine for lawn, garden and greenhouse and to mix with compost. Use at same rates as Sheep Manure. 25 lbs. \$1.95; 50 lbs. \$3.10; 100 lbs. \$5.75; 500 lbs. \$26.25; 1000 lbs. \$51.

Cyanamid. Kills weed seeds in surface soil assuring a weed free lawn. After soil is turned over or rototilled, graded, fined and raked ready to seed, apply 50 lbs. Cyanamid evenly on each 1000 sq. ft., rake in lightly and water occasionally. If in spring with temperature over 50°F, wait 5 or 6 weeks, or if in the heat of August wait only 3 weeks before seeding. This gives time for the toxic products to convert to plant nutrients and lime. A delay, yes—but your awarded lawn will be weedless. 10 lbs. \$1.85; 25 lbs. \$3.75; 50 lbs. \$6.50; 100 lbs. \$13; 500 lbs. \$65.

Dricrone. Analysis 2-1-1. Contains $\frac{3}{4}$ cow and poultry manures in dehydrated form, and $\frac{1}{4}$ peat moss. This all-organic fertilizer and soil-conditioner is weed free. The peat moss holds the plant-food and moisture until used up by the plant roots. For top-dressing old lawns, use 100 lbs. on 1000 sq. ft. For new lawns or flower and rose beds use twice as much. 50 lbs. \$2.30; 100 lbs. \$4.50; 500 lbs. \$22; 1000 lbs. \$42; ton \$82.

Fruitone. A valuable hormone spray to prevent premature dropping of apples and pears. It also will produce more tomatoes of larger size earlier than normal and will give a better set of beans, especially in bad weather. 2 ozs. \$1; 12 ozs. \$5.



GARDEN FERTILIZER.

Analysis 5-10-5. This is the very best in commercial fertilizers for your vegetables. It is a complete, well-balanced fertilizer containing all food elements needed for development. In gardens scatter 50 pounds per 1000 sq. ft. and rake in well or mix a little thoroughly in the bottom of the furrow before planting your seeds. Hoe it into the soil between the rows of plants at the rate of 5 pounds to 100 feet; and repeat each month. 5 lbs. 55c; 10 lbs. 95c; 25 lbs. \$1.70; 50 lbs. \$2.30; 100 lbs. \$4.55; 500 lbs. \$20.50; 1000 lbs. \$38.65.

Hormodin Powder. For plant propagation. Produces better roots faster. Dip moistened stems of cuttings in powder before placing in propagating bed. No. 1, for roses, certain shrubs, most garden, greenhouse plants. 1 $\frac{1}{2}$ -oz. size, 50c. Combination Package, Nos. 1, 2 and 3 for all types, 75c.



An organic, non-acid soil builder for your lawn or garden which makes the soil nicely friable, lightens clay soils, binds together sandy soils and helps hold moisture in all soils. It is odorless, dry and weed free. Fine for fixing potting soil. For new lawns and gardens rake in 200-400 lbs. per 100 sq. ft. and top-dress old lawns with half that much. In moisture proof bags, 80 lbs. \$11.50; 400 lbs. \$11.50. In bar-lap bags, 100 lbs. \$2.35; 500 lbs. \$10; 1000 lbs. \$18.50; ton \$33. In bulk, 10 ton minimum truckload to one address within our delivery area, at \$19 per ton.

Hyponex. See Soluble Plant Foods on page 5.

Iron (Ferrous) Sulphate. Used to add soluble iron to soil and so correct "Chlorosis" (loss of green color in the foliage) particularly in broad-leaved evergreens where, in a too alkaline soil, the natural iron is not available. Apply equal parts of this and powdered sulphur (for acidifying) using one pound per 100 sq. ft. For quicker results spray foliage with 1 oz. in 2 gals. water to which a catalizer has been added. 10 lbs. 30c; 5 lbs. 95c; 25 lbs. \$3.50; 50 lbs. \$6.50; 100 lbs. \$12.

Ivy Plant Food. See under Philodendron.

Krilium, Merloam. This soil conditioner helps make clay soils more porous and crumbly. In powder form, 5 lbs. mixed very thoroughly through the top 6 inches of dry soil will cover 40 sq. ft. 10 lbs. \$1.39; 5 lbs. \$4.95; For 500 sq. ft. 6 inches deep use 100% Loamaker Krilium, 10 lbs. \$25.



LAWN FERTILIZER.

Analysis 6-10-4. A properly balanced commercial fertilizer for lawns, trees and for shrubs. Top-dress 25 lbs. per 1000 sq. ft. when the grass is dry in early spring and again in the fall. On new lawns use 50 lbs. per 1000 sq. ft. raked into the surface and water thoroughly at once. 10 lbs. 95c; 25 lbs. \$1.70; 50 lbs. \$2.55; 100 lbs. \$5; 500 lbs. \$22.50; 1000 lbs. \$42.50.

Lawn-Spur. Analysis 8-6-5. In this 60 percent organic lawn food several ingredients release their high nitrogen content successively at different periods of the turf growth. This stimulates very luxuriant, continued growth and makes unnecessary repeated applications. Apply 25 pounds per 1000 sq. ft. and water the lawn immediately after to wash fertilizer off grass and start its action without delay. Because of its high nitrogen content it is also excellent for feeding trees and shrubs. 5 lbs. \$2.30; 50 lbs. \$3.80; 80 lbs. \$5.50; 400 lbs. \$26.50.

Lime, Hydrated Agricultural. Corrects soil acidity and opens heavy land. Quick-acting but will not burn if scattered evenly in early spring or late fall on gardens or lawns, using 50 lbs. per 1000 sq. ft. one week before fertilizing. 10 lbs. 40c; 50 lbs. 95c; 100 lbs. \$1.85; 500 lbs. \$8.75; ton \$31.

Limestone, Pulverized. Is easier to apply than Hydrated. Does not "gum up" on wet soils, penetrates better and is less likely to burn. Use 80 lbs. per 1000 sq. ft. broadcast early spring and fall. 800 lbs. bag 95c; 400 lbs. \$4.50; 800 lbs. \$8.50; ton \$20.

MICHIGAN PEAT. A superior, pulverized pure peat grade with an almost 3% nitrogen content. It is a natural, 98% organic plant-food, highly active with beneficial bacteria to release the plant food in the soil. Apply 100 lbs. of this excellent soil conditioner on 75 to 100 sq. ft. and work into top 4 inches of soil. Absorbs and holds lots of moisture and releases nitrogen slowly. Its use makes fertilizers more effective. On existing lawns top dress occasionally using at the rate of 100 lbs. to cover 400 sq. ft. of lawn $\frac{1}{4}$ inch deep. 25 lbs. \$1.69; 50 lbs. \$2.49; 100 lbs. \$4.49; 500 lbs. \$22.

Miracle-Gro. See Soluble Plant Foods p. 5.

Muriate of Potash (Potassium Chloride). Essential for all root crops; fine for peas, beans and for woody-stemmed plants. Use 2 to 5 lbs. per 100 sq. ft. 5 lbs. 65c; 10 lbs. \$1.10; 25 lbs. \$1.95; 100 lbs. \$5.50.



FORBES FERTILIZERS AND SOIL-BUILDERS

These prices are subject to change without notice

Nitrate of Soda. A quick plant stimulant, 16% in nitrogen, inducing green growth. For green vegetables sids dress 1 lb. per 100 ft. of row and water in. For lawns, use 5 lbs. mixed with four times its bulk of sand per 1000 sq. ft. As liquid use oz. in gal. of water. 5 lbs. 65¢; 10 lbs. \$1.10; 25 lbs. \$2.15; 50 lbs. \$3.50; 100 lbs. \$5.95.

ORGANO. All organic, safe, rich and long lasting. It contains unacidified tankage, castor, pomace, bone, poultry and cow manures, rock phosphate and muriate of potash. The analysis is 3% nitrogen, 21% bone phosphate of lime approximating 9% available phosphoric acid, and 3% potash. Unexcelled for rose, perennial and shrub borders when applied 30 lbs. to 250 sq. ft. and worked in from 2 to 4 inches deep, or a trowelful deep into the soil around individual plants. Side dress vegetable rows using 8 lbs. for 100 ft. of row well worked in, or top dress 40 lbs. per 1000 sq. ft. 25 lbs. \$1.60; 50 lbs. \$2.60; 100 lbs. \$5; 500 lbs. \$24; 1000 lbs. \$47.

PEAT MOSS. If mixed in the soil it prevents baking and crusting, it improves aeration, lightens and makes the soil more friable and provides a natural reservoir for soil-moisture and all plant-food. For mulching, for summer moisture retention and for winter protection around rose, evergreen, and perennial beds. The quality we offer crumbles very readily. Large 7 cu. ft. bale \$4.15 (19 x 19 x 36 in.; covers 300 sq. ft. 1 inch deep); Junior 4½ cu. ft. bale \$3.35; 2¼ cu. ft. bale \$2.25; 3 peck bag \$1.20. If to be delivered large bale \$4.65; Junior bale \$3.75.

Philodendron-ly Plant Food. The organic contents essential for good growth, will quickly stimulate weak plants to produce luxurious foliage. In handy capsules, envelope of 18 for 35¢; 3 for \$1.

Plantabbs. Analysis 11-15-20. Are concentrated, easy to use, odorless. Dissolve 1 tablet in a quart of water weekly. Box of 30 tablets 25¢; 75 tablets 50¢; 200 tablets \$1; 1000 tablets for \$3.50.



Potting Soil. This is specially prepared with humus for easy root penetration, sand for good drainage and enriched with rotted cow manure. 2 qts. 50¢; ½ bu. \$1.95.

Rootone. This plant hormone powder hastens and stimulates the natural tendency for roots to form on cuttings. When dusted on all seeds and bulbs they will produce heavier root systems in less time, especially grass seed. ¼ oz. 25¢; 2 ozs. \$1; lb. \$5.

ROSE FOOD. This analyses 5-10-5. A balanced, high-organic food that nourishes the entire plant by adding vigor and so resistance to disease and insect injury. It produces more and finer roses with better color and size. Use ½ pound per rose per application. Apply 3 times per season. Do not feed after mid-September. 5 lbs. \$1; 25 lbs. \$3; 50 lbs. \$5; 100 lbs. \$9.



Salt Hay. For mulching tomato plants, vegetable rows, strawberries, raspberries, etc. Mulch perennials through winter, after ground is frozen hard, to prevent heaving. Bales of odd weights at \$3.50 per 100 lbs.

Sand. For rooting cuttings. Mix with heavy soils to improve the soil drainage. Place about one inch below all bulbs to prevent their rotting. 2 qts. 20¢; ½ bu. 90¢.

Sequestrene, NaFe. A chelated 12% iron compound soluble in water. Corrects "Chlorosis" due to iron deficiency. Provides an avenue through which the natural iron in the soil is made available to the plant roots. Use 2 to 3 teaspoonfuls per Azalea or Rhododendron. Lb. \$3.

SHEEP MANURE. Analysis 2-1-2. Quick acting, clean and safe. Contains no weed seeds. For vegetables, rake in 200 lbs. per 1000 sq. ft. Broadcast 100 lbs. per 1000 sq. ft. over the old lawn or rake in 200 lbs. a day or two before seeding a new one. For liquid manure, use one pound to five gallons of water. 5 lbs. 60¢; 10 lbs. 95¢; 25 lbs. \$1.95; 50 lbs. \$3.10; 100 lbs. \$5.75; 500 lbs. \$26.25; 1000 lbs. \$51.

Soilife, Wettable. A soil conditioner which makes clay soil more friable by binding together the tiny clay particles into small clumps. Helps prevent sun-crusting of clay soils after rain. Apply one pound, well stirred into 12 gals. of water, to 200 sq. ft. with a sprinkling can. ¼ lb. \$1; ½ lb. \$1.50; lb. \$2.75; 2 lbs. \$5; 12 lbs. \$28.

Sphagnum Moss, No-damp-off. Greatest help ever for growing seeds in the house or in your frames. This horticultural milled Sphagnum moss promotes highest germination and holds moisture with no damping off. Use it alone or spread a ½ inch layer over your regular soil. You will find it amazingly effective and well worth the investment. 10 ozs. 89¢; 2 bu. \$3.65.

Super-Phosphate. 18-20% Phosphoric Acid. For lawn roots use 25 lbs. per 1000 sq. ft. and water in. For corn, potatoes, root crops. 4 lbs. per 100-ft. row. 5 lbs. 45¢; 10 lbs. 80¢; 25 lbs. \$1.25; 80 lbs. \$2.60; 400 lbs. \$11.25.

Transplantone. Reduces wilt and loss in transplanting and stimulates growth of new roots when setting out seedlings of all kinds. ½ oz. 25¢; 3 ozs. \$1; lb. \$4.

Vermiculite (Terra-Lite).

This is a sterile, inert, weed-free, mineral substitute for soil used in starting seeds and rooting cuttings. It contains very tiny air cells which absorb moisture and provide both air and moisture for the development of extra strong root systems. It helps prevent damp off, fungus and most soil-borne diseases. Perfect for storing bulbs, it lightens clay soils, gives body to sandy soils and is a splendid mulch. 4 qts. 45¢; ½ bu. 85¢; 4 cu. ft. \$2.30.



SOLUBLE PLANT FOODS

Hyponex. Analysis 7-6-19. A clean, odorless soluble powder that makes complete plant-food immediately available. Dissolve 1 oz. in 6 gals. water and apply. Grows bigger plants, larger vegetables, many more flowers. Stimulates roots on all cuttings, reduces shock to transplants. Use in soil, sand or water (hydroponics). 3 ozs. 25¢; 7 ozs. 50¢; lb. \$1.



Miracle-Gro. A powder that dissolves quickly and entirely making a splendid liquid plant food. It contains vitamin B-1 and all the minor elements. It is quickly absorbed by plant roots and invigorates their growth. Also spray on foliage as the available nitrogen is readily absorbed through the leaves. Use 1 tablespoonful in 1 gal. water. 1½ lbs. \$2.25; 5 lbs. \$5.



SOIL TEST KITS

These tell how to make your soil right and keep it right. A 10-minute test tells more than years of gardening. They show what kind and amount of fertilizer to give your soil, whether time is needed.

Popular Garden Kit. Contains complete equipment and instructions and solutions for 50 tests (nitrogen), phosphorus, potash and acidity (pH), \$5.89.

Horticultural Kit. For the advanced amateur, nurseries, growers, or greenhouses. Will make 150 individual tests. \$14.95.

Home Garden Kit. Complete with instructions and data on plant-food needs. For small place, will make 20 tests. \$2.98.

Acidity Test Kit. In 2 minutes you can tell the acidity of your soil. Contains full instructions. \$1.49.

FERTILIZER AND LAWN SEED SPREADERS

Here is what you've been waiting for—a distributor that sows lawn seed or spreads fertilizer evenly, and without waste. New, graduated finger-tip control instantly adjusts flow for thin or dense applications.

Masters Distributor, No. 25—Holds 20 lbs. For the home gardener who wants "something better" in a small spreader. Rubber tired steel wheels; tubular steel handle with rubber handle grip. Spreads 18-in. wide. Equipped with new "Fertilizer-Miser" control, \$9.95.

Masters Distributor, No. 30—Holds 50 lbs. Is 2 ft. wide and spreads 20-in. wide. All steel. Tubular steel "T" handle with two bicycle-type rubber grips; rubber tired wheels. "Fertilizer-Miser" control, \$12.85.

Masters Distributor, No. 40—Holds 75 lbs. Like above but more substantial all over with 11-in. wheel, 1½-in. tread. Is 30-in. wide and spreads 24-in. wide, \$18.25.



FREE DELIVERY • Minimum Value \$4.

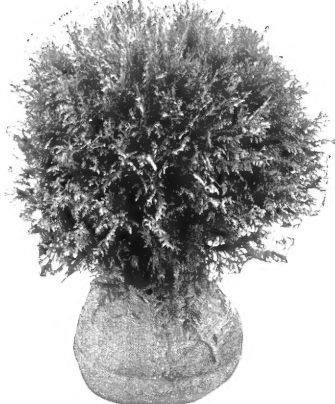
We deliver FREE, by our own delivery, all merchandise within the area shown on map on page 1. This includes all of Essex and Union Counties, part of Morris and Somerset Counties, and Kearny, Arlington, North Arlington and Lyndhurst.

We ship, transportation FREE to any point in the United States, only Vegetable Seed, Flower Seed and Lawn Seed Mixtures offered in this catalog.

In all other cases purchaser pays transportation charges by Parcel Post, Express or Freight (except Pot-grown Roses and all Plants, which we cannot ship).

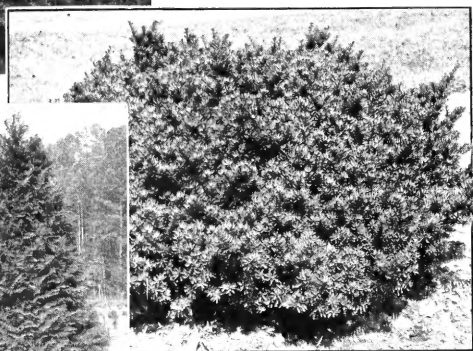
FORBES EVERGREENS

Many home owners welcome help in selecting evergreens. We are ready to suggest suitable types for your purpose and to assure you of their worth. All are of the finest quality, nursery-grown for best development, clean, fairly priced and not to be compared with mail order or special sale offers. Our evergreens have balled and burlapped root systems and may be planted in your garden with confidence that they will thrive. The sizes offered are those which you may plant yourself without skilled help.



Dwarf Globe Arborvitae

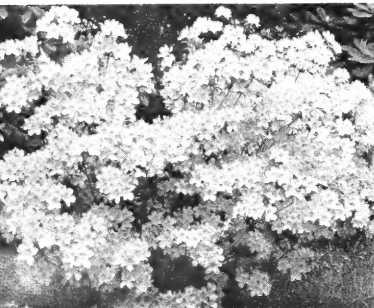
← Tall Japanese Yew



Japanese Yew



Sawara Cypress



Rhododendron



Azalea
Coral Bells

←

Andromeda, Japanese (*Pieris japonica*). 4 ft. Pendant white terminal clusters in April-May. Likes acid soil in half shade. 15-18 in. \$6.95; 2-2½ ft. \$10.95.

Arborvitae, Black (*Thuja occidentalis nigra*). 8 ft. Dark green pyramid; moist soil; shears well. 2½-3 ft. \$4.95.

Arborvitae, Dwarf Globe (*T. occ. globosa*). 4 ft. Dwarf globes; shear to size; likes moist soil. 15-18 in. \$3.50.

Arborvitae, Golden (*T. orientalis aurea nana*). 3 ft. Compact, round; yellow foliage. 15-18 in. \$3.95; 1½-2 ft. \$4.95.

Cypress, Dwarf (*C. obtusa nana*). 4 ft. Slow-growing, dark green, broad pyramid; acid soil. 15-18 in. \$5.95.

Cypress, Dwarf Yellow Plumed (*C. plumosa lutescens*). 4 ft. Low, broad, round; yellow tipped. 12-15 in. \$2.95.

Cypress, Golden Plumed (*C. plumosa aurea*). 8 ft. Warm yellow foliage; conical shape; shears well. 2-2½ ft. \$4.50.

Cypress, Golden Sawara (*C. pisifera aurea*). 12 ft. Yellow foliage in spring; loose pyramid. 2½-3 ft. \$4.95.

Cypress, Sawara (*C. pisifera*). 12 ft. Loose pyramidal form; shears well; very hardy. 2½-3 ft. \$5.50.

Firethorn (*Pyracantha coccinea Lalandi*). 10 ft. Bright orange berries in the fall; likes sun. 12-18 in. \$3.75.

Hemlock, Canadian (*Tsuga canadensis*). 15 ft. Feathery pyramid; likes shade; makes hedges; shears well. 2-2½ ft. size \$6.25; 2½-3 ft. \$8.75.

Holly, American (*Ilex opaca*). 45 ft. Pyramidal form; spined leaves; likes moist, acid soil, part shade. Red berries in fall-winter borne by female plants but only if male plant, to pollinate female, is nearby. Female plants, 1½-2 ft. \$5.95; male, 15-18 in. \$4.95.

Holly, Boxleaf Japanese (*I. conveva*). 3-4 ft. Small oval foliage; flat round bush; shears well. 12-15 in. \$4.95.

Holly, Littleleaf Japanese (*I. microphylla*). 5-6 ft. Oval smaller leaf; round bush; shears well. 1½-2 ft. \$7.95.

Holly, Roundleaf Japanese (*I. rotundifolia*). 6-8 ft. Big glossy globes; fine for hedges. 15-18 in. \$5.95.

Juniper, Creeping (*J. horizontalis*). 8 in. A gray-green ground cover; spreading. 15-18 in. across. \$5.95.

Juniper, Pfitzer's (*J. chinensis Pf.*). 5-6 ft. Gray-green, feathery; low spreading habit. 1½-2 ft. across \$6.25.

Juniper, Sargent's (*J. chinensis Sargentii*). 2 ft. Prostrate, low, spreading; green foliage. 1½-2 ft. across \$7.95.

Juniper, Spiny Greek (*J. excelsa stricta*). 5-6 ft. Gray-green, compact, dense pyramid; fine for tubs. 15-18 in. \$2.95; 1½-2 ft. \$3.50.

Leucothoe, Drooping (*L. Catesbaei*). 4-5 ft. Waxy white flower racemes in May; large green leaves turn bronze-red in fall. Likes moist soil. 15-18 in. \$4.95.

Mountain Laurel (*Kalmia latifolia*). 5 ft. Pinkish white flowers in June for sun or part shade in acid soil. 15-18 in. \$4.95; 1½-2 ft. \$6.25.

Rhododendron, Carolina (*R. carolinianum*). 5 ft. Rose-pink flowers, May-June; likes shade. 15-18 in. \$6.25.

Rhododendron, Catawba (*R. catawbiense*). 6 ft. Rose-purple flowers, May-June; shade. 15-18 in. \$6.25.

Rhododendron, Rosebay (*R. maximum*). 8 ft. Glossy foliage; light pink flowers, May-June. 1½-2 ft. \$5.95.

Rhododendron, Hybrid Crimson (*R. caracatus*). 5 ft. Nice crimson. The hybrids like some sun but soil must be acid. 15-18 in. \$6.95; 1½-2 ft. \$8.95.

Rhododendron Hybrid Pink (*R. roseum superbum*). 5 ft. Beautiful pink; part shade; acid soil. 15-18 in. \$6.95.

Rhododendron, Hybrid White (*R. Cunninghamii*). 5 ft. Pure white flowers, May-June. 15-18 in. \$6.95.

Spruce, Norway (*Picea excelsa*). 10 ft. Dark green; neat, pyramidal habit; shears well; moist soil. 1½-2 ft. \$3.75.

Yew, Compact Japanese (*Taxus cuspidata compacta*). 3 ft. Dark green; spreading habit; the neatest of all; shears well. 15-18 in. across \$5.95.

Yew, Dwarf Japanese (*T. cuspidata nana*). 3 ft. Very dark green; irregular spreading. 12-15 in. across \$4.95.

Yew, Hicks (*T. media Hicksii*). 6 ft. Upright growth; big red berries in fall. 1½-2 ft. \$5.95; 2-2½ ft. \$7.95.

Yew, Japanese (*T. cuspidata*). 6 ft. Dark green; spreading, bushy habit. 1½-2 ft. across \$6.95.

Yew, Tall Japanese (*T. cuspidata capitata*). 10 ft. Dark green, pyramidal form. Use for tall points in foundation plantings. 2-2½ ft. \$10.95.

FORBES HARDY EVERGREEN AZALEAS

There are few garden effects which surpass the beauty of Hardy Azaleas. When covered with bloom in May and early June they present a sight long to be remembered. Those below are hardy here if (1) planted in acid peaty soil with excellent drainage, (2) heavily mulched and never cultivated, (3) deeply watered in summer and late fall. They grow to a height of 3 to 5 feet.

Cherry Red. Use with Hinodegiri; same carmine-scarlet but blooms later. 10-12 in. \$2.95; 12-15 in. \$3.95.

Coral Bells. Small, deep green foliage and a wealth of coral-pink flowers. 8-10 in. \$2.25; 12-15 in. \$3.95.

Dwarf Orange. A shorter-growing variety with large flowers of soft orange. 12-15 in. \$3.95.

Fedora. Small evergreen foliage with large, rose-pink flowers on well-formed plants. 12-15 in. \$3.95.

Hinodegiri. Brilliant carmine-scarlet flowers cover the foliage. 8-10 in. \$2.25; 12-15 in. \$3.95.

Mozart. The contrast of the fuchsia-pink flowers and deep green foliage is effective. 12-15 in. \$3.95.

Othello. This has deep green, glossy, evergreen foliage and a profusion of soft brick-red flowers. 12-15 in. \$3.95.

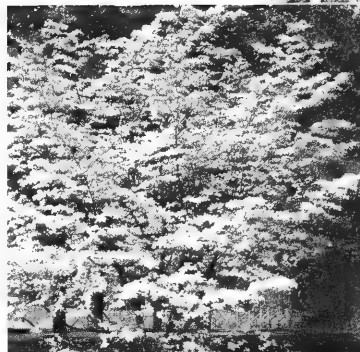
White. Covered with beautiful, large, pure white flowers. 8-10 in. \$2.25; 12-15 in. \$3.95; 15-18 in. \$4.95.

FORBES FLOWERING SHRUBS

Among the flowering shrubs which thrive in this locality there are many different habits of growth, flower forms and blooming periods. By careful selection choose those most effective for your purpose to give a sequence of color to brighten and contrast with your evergreens. We offer only those shrubs which will give sure results. To make more certain of your success and satisfaction, our shrubs are established in large pots of soil so they may be set out in your garden without loss or setback.

- Abelia, Glossy** (*A. grandiflora*). 3-5 ft. Shell-pink bells, June-Nov. Likes light peaty soil, sun. 15 in. \$2.15.
- Almond, Pink-flowering** (*Prunus glandulosa*). 6 ft. Rose-pink flowers in May; good soil in sun. 3-4 ft. \$1.95.
- Beauty-Bush** (*Kolkwitzia amabilis*). 6 ft. Pink flowers in June. Likes sun, good drainage. 2-3 ft. \$1.65.
- Butterfly-Bush** (*Buddleia*). 6 ft. Fragrant spikes, July-Nov. Likes sun, good soil. Each March cut back to ground. Three colors: **Fascinating**, pink-lavender; **Flaming Violet**, Imperial purple; and **Fortune**, lilac. 2-yr. each \$1.10.
- Caryopteris, Blue Mist** (Blue Spirea). 3 ft. Powder-blue flowers, Sept. Oct. Likes sun, good drainage. Cut back to ground in March. 2 yr. \$1.10.
- Chaste-Tree** (*Vitex macrophylla*). 5 ft. Lavender-blue flowers from July to October. Likes sun, slightly acid soil. Cut back in March. 2 yr. \$1.65.
- Coralberry** (*Symphoricarpos orbiculatus*). 4 ft. White bells, June-July; likes dry shade; coral-red berries Oct. through winter. 2-3 ft. \$1.65.
- Cotoneaster, Rock** (*C. horizontalis*). 18 in. Trailing, pink flowers, in June; red berries in Sept.; likes sun. \$2.95.
- Daphne Cneorum** (Gurand-flowered), 15 in. Very fragrant, pink flowers in April-May; drained, sandy, near neutral soil in sun. 7-9 in. across. \$2.25.
- Deutzia, Lemoine** (*D. Lemoinei*). 4 ft. Large white masses, May; well-drained soil; part shade or sun. 2-3 ft. \$1.75.
- Deutzia, Rose** (*D. rosea*). 3 ft. Pink clusters in May. Likes good drainage in sun. 2-3 ft. \$1.75.
- Deutzia, Slender** (*D. gracilis*). 3 ft. Arching branches, white flowers in May; sun or part shade. 15-18 in. \$1.65.
- Euonymus, Winged** (*E. alatus*). 6 ft. Yellow flowers in May; deep rose foliage in fall. 1½-2 ft. \$1.95.
- Forsythia, Spring Glory**. 6 ft. Pale yellow bells in April; likes sun or shade; tolerates dry soil. 3-4 ft. \$1.95.
- Hollygrape, Oregon** (*Mabonia aquifolium*). 3 ft. Yellow spikes in April-May; red foliage in fall. Likes dry, sandy soil in shade. 12-15 in. \$3.95.
- Jasmine, Winter** (*J. nudiflorum*). 4-5 ft. Yellow flowers in April-May; likes good drainage. 1½-2 ft. \$1.75.
- Lilac** (*Syringa vulgaris*). 8-12 ft. Fragrant flower panicles in June. All like limed soil in sun. Prune out suckers; cut off faded flowers. **Ellen Willmott**, white; **Katherine Havemeyer**, mauve; **Ludwig Spaeth**, purple; **President Grey**, lilac-blue. Each, 2-3 ft. \$3.25.

- Mock-Orange, Coronarius** (*Philadelphus*). 8 ft. Fragrant white single flowers in June; limed soil; sun. 3-4 ft. \$1.85.
- Mock-Orange, Virginalis** (*Phila.*). 7-9 ft. Double white flowers in June, fragrant; likes lime, sun. 2-3 ft. \$1.65.
- Quince, Red-flowering** (*Cydonia japonica rubra*). 3 ft. Red flowers in April; neutral soil in sun. 1½-2 ft. \$2.45.
- Redbud, Chinese** (*Cercis japonica*). 10-12 ft. Purplish pink clusters in May; sunny, rich soil. 1½-2 ft. \$2.45.
- Rose of Sharon** (*Hibiscus syriacus*). 10-12 ft. Hollyhock-like flowers in Aug.; either sun or part shade in neutral, moist soil. **Lady Stanley**, double pink splashed with carmine; **Jeanne d'Arc**, double white; **Rubis**, single dark violet-red. Each, 3-4 ft. \$1.75.
- Smoke-Tree** (*Rhus Cotinus*). 12-15 ft. Huge plumy clouds of purple, fuzzy flowers in July-Aug. Likes light soil in sun. 2-3 ft. \$1.95.
- Snowberry, White** (*Symphoricarpos albus*). 4 ft. Pink flowers in Aug.; white berries in fall and winter. Likes moist half shade, limed soil. 2-3 ft. \$1.65.
- Spirea, Anthony Waterer**. 3 ft. Rose-crimson terminal flowers from June-Sept.; sun or part shade. 1½-2 ft. \$1.65.
- Spirea Vanhouttei**. 5-6 ft. White flower clusters in May-June; sun or part shade; neutral soil. 2-3 ft. \$1.25.
- St. Johnswort, Golden** (*Hypericum aureum*). 3 ft. Large, golden yellow flowers in July-Aug.; blue-green leaves; likes well-drained, neutral soil, part shade. 2-3 ft. \$1.85.
- Summersweet or Sweet Pepperbush** (*Clebra amifolia*). 4-5 ft. Fragrant white terminal spikes, July-Sept.; likes moist acid soil in shade. 2-2½ ft. \$1.85.
- Sweet-Shrub** (*Calycanthus floridus*). 4-5 ft. Spicy, fragrant, reddish brown flowers, June-July; likes fairly moist, neutral soil in sun or part shade. 2-3 ft. \$1.85.
- Viburnum, Doublefile** (*V. tomentosum*). 8-10 ft. Flat white flower heads in May-June; oval black fruit in fall. Likes sunny, neutral soil. 3-4 ft. \$2.25.
- Viburnum, Fragrant** (*V. Carlesi*). 4-5 ft. Round, fragrant clusters of waxy pink in April-May; likes sunny, well-drained, neutral soil. 15-18 in. \$4.25.
- Weigela, Pink** (*W. rosea*). 6-8 ft. Rose-pink flowers in May-June. Likes sunny, rich, well-drained, neutral soil. If strong branches are shortened occasionally, will bloom through summer. 2-3 ft. \$1.75.
- Weigela, Upright Red** (*W. Vaniceki, Red*). 6-8 ft. Red flowers in May-June; likes sunny, neutral, well-drained soil. Don't crowd when planting. 2-3 ft. \$1.75.



Daphne Cneorum



White Dogwood



Deutzia, Lemoine



Lilac, Ellen Willmott

Forsythia, Spring Glory ➡

FORBES FLOWERING TREES

Nothing is more effective, when properly placed, or more beautiful when growing to maturity than Flowering Dogwood or other flowering Trees. They add a sense of distinction to your garden, and when in bloom bring a large measure of beauty to your home surroundings. They grow easily and become still more attractive each year. Our trees are nursery grown with large, balled and burlapped root systems.

- Crab, Bechtel's Double-flowering** (*Malus ioensis*). 12 ft. Slow growing; pink flowers in June. 5-6 ft. \$12.95.
- Dogwood, Pink** (*Cornus florida rosea*). 15 ft. Pink flowers in May; red berries in Sept. Likes moist, gravelly, slightly acid soil. 4-5 ft. \$13.95.
- Dogwood, White** (*Cornus florida*). 15 ft. The popular white-flowering small tree for May bloom; red berries in Sept. Likes slightly acid, moist soil. 5-6 ft. \$12.95.

- Magnolia, Pink Star** (*M. stellata rosea*). 12 ft. Pink star flowers in April; rich, very acid soil. 2½-3 ft. \$13.95.
- Magnolia, Saucer** (*M. Soulangiana*). 12 ft. White to purplish pink blooms in May; acid soil. 4-5 ft. \$12.95.
- Magnolia, Star** (*M. stellata*). 12 ft. White star flowers in April. Likes very acid, rich soil. 2½-3 ft. \$13.95.
- Plum, Double-flowering** (*Prunus triloba*). 8 ft. Double pink flowers in April-May; likes sun. 3½-4 ft. \$3.45.

BETTER THAN ELSEWHERE—FOR PLANTS WITH THAT GROWN-IN EXTRA QUALITY

Forbes Plants give a perfect result in your garden. All are started under ideal conditions. For better root development, they are grown on slowly in coldframes. We use no short-cuts. That's why Forbes Plants have that grown-in extra quality. Try them.

STOP AT... FORBES GARDEN CENTERS

Route 10, Hanover, N. J. • Open March to Dec.
Morris Turnpike, Millburn, N. J. • • • Open all year



★ **IMPORTANT NOTICE** ★
Plants in full flats only (no dozens) are delivered free with-
in our delivery area (See page 1) if your order totals \$4 or more.

FLAT-GROWN VEGETABLE PLANTS

Tomatoes are ready after May 1, Eggplants, Peppers about May 15, the rest about April 15. There are about 60 in a flat of Eggplants, 70 in a flat of the others.

Broccoli, Green Sprouting.
Brussels Sprouts, Catskill.
Cabbage, Copenhagen Market.
Cauliflower, Reliance.
Celery, King Pascal (green).
Eggplant, Black Beauty.

Kohlrabi, White Vienna.
Lettuce, Bibb.
Lettuce, Great Lakes (Iceberg).
Lettuce, White Boston.
Lettuce, Romaine Cos.

Parsley, Double Curled.
Pepper, California Wonder.
Tomato, Beefsteak, Early Jersey,
Marglobe, new Queens, Rutgers,
Golden Jubilee, and Red Plum.

Flat-grown Vegetable Plants above, 65c per doz.; \$2.35 per flat.

POT-GROWN VEGETABLE PLANTS

Cucumber, Burpee Hybrid
Eggplant, Black Beauty
Muskmelon, Gold. Delight
Parsley, Double Curled

Pepper, Calif. Wonder
Squash, Acorn
Butternut
Green Zucchini

Tomato, Beefsteak
Burpee Hybrid
Cherry (Cocktail)
Early Jersey

Tomato, Golden Jubilee
Marglobe and Queens
Rutgers (Certified)
Watermelon, R. I. Red

All from 3-in. pots, Each 20c; 3 for 55c; \$1.80 per doz.; 50 or more at \$14 per 100

Asparagus Roots, Mary Washington. Dark green tinged purple. Set 6-12 in. apart with buds a half-inch below surface, in rich well drained soil in a single row, even at back of flower bed or property edge. Keep mulched. Cut sparingly first year. 2-year roots, 25 for \$1.45; 50 for \$2.65; 100 for \$4.75.

Rhubarb Roots, MacDonald. Thin-skinned, bright red stalks of low acidity and delicate flavor. Vigorous. Set 2 ft. apart in rows 3 ft. apart in heavily manured, rich soil. Keep flower stalks cut back. Each 75c; 3 for \$2.

FORBES FLAT-GROWN ANNUAL FLOWER PLANTS

You will find below many of the hard-to-get bedding plants. These are well-developed, strongly rooted, superior plants all hardened off before you get them.

These are ready after May 1. There are about 48 plants in a flat of Ageratum, Browallia, Dahlias, Nicotiana, Ruffled and Large Petunias and Salvia; about 60 in a flat of Calendula, Dimorphotheca, Gaillardia, Balcony and Bedding Petunias and Salpiglossis; and about 70 plants in all of the others.

	Doz.	Flat		Doz.	Flat		Doz.	Flat		Doz.	Flat
Achyranthes (Alternanthera). Red foliage. Flat of 12 plants		\$1 75	Marigold, Dwf. Dbl. French. Gold Crest. Gold-yellow. 9 in.	\$0 65	\$2 35	Petunia, continued. Snowball. A new pure white. 12 in.	\$0 65	\$2 35	Scabiosa , Giant Imperial Mxd. For cutting; borders. 2½ ft.	\$0 65	\$2 35
Ageratum , Dwarf Blue. For edgings, rock gardens. 6 in.	\$0 80	2 60	Lemon drop. Fine new lemon yellow, cutting. 9 in.	65	2 35	Velvet Ball. Deep blood red 2½ in. flowers; neat. 10 in.	70	2 75	Snapdragon , Half Dwarf Mxd. For borders, cutting. 18 in.	65	2 35
Alyssum , Dwarf White. For margins, rock gardens. 6 in.	65	2 35	Scarlet Glow. Deep scarlet aging rich tangerine. 10 in.	65	2 35	Viola. Deep violet-blue of good size; uniform. 13 in.	65	2 35	Half Dwarf, Black Prince. Dark black-crimson. 18 in.	75	3 00
Royal Carpet . Vibrant purple. Plants 10 in. across. 3 in.	75	3 00	Spry. Mahogany-red, yellow centers for borders. 9 in.	65	2 35	Mixed. Nicely balanced colors for bright borders. 12 in.	65	2 35	Super Giants Mixed. Largest of all, huge flowers. 3 ft.	65	2 35
Aster , American Beauty Mixed. Wilt-resistant. Cutting. 3 ft.	65	2 35	Sunkist. Rounded, deep golden orange overall. 9 in.	65	2 35	Petunia, Large. Comanche. A vivid scarlet-red. 13 in.	1 00	3 50	Super Giant, Crimson. Has dark stem, foliage. 3 ft.	75	3 00
Aster, Branching in Colors. Lavender, Purple, Rose, Shell-pink or White. 3 ft.	75	3 00	Marigold, Dwarf Single. Flash. Tangerine-red-bronze. 14 in.	65	2 35	Dazzler. Deep brilliant rose- scarlet. 12 in.	80	2 60	Stocks , Giant Bismarck Mixed. Fragrant, in pastels. 2 ft.	65	2 35
Browallia , speciosa major. Bright blue edgings. 12 in.	80	2 60	Sunny. Bright yellow, 2-inch flowers, waved edges. 15 in.	65	2 35	Dwarf Elk's Pride. Big rich deep violet-blue. 12 in.	80	2 60	Torenia , Fournier. Sky-blue snap flowers; edging. 10 in.	80	2 60
Calendula , Lemon Beauty. A splendid cutting sort. 18 in.	65	2 35	Marigold, Large. Guinea Gold. Double orange-gold. 2½ ft.	65	2 35	Popcorn. Huge white, waved edges on dwarf plants. 10 in.	1 00	3 50	Verbena , Dwarf Mixed. Bright colored flower heads. 8 in.	65	2 35
Carnation , Giant Mixed. For borders and cutting. 20 in.	65	2 35	Glitters. Large golden yellow incurved petals. 2½ ft.	65	2 35	Snowstorm. Big white, waved edges, cream throat. 12 in.	80	2 60	Verbena, in Separate Colors. Rose-red, Lavender, Dark Blue or White. 8 in.	75	3 00
Centaurea , Dwarf Double Ju- bilee Gem, deep blue. 1 ft.	65	2 35	Limelight. Deep cream color, incurved petals. 20 in.	65	2 35	Petunia, Ruffled. Ballerina. A fringed deep salmon-pink.	1 00	3 50	Zinnia , Burpee Hybrids Mixed. Huge shaggy, pastels. 3 ft.	65	2 35
Dwarf Double Mixed. All the available colors. 1 ft.	65	2 35	Sunset Giants, Mixed. Shades of orange and yellow. 4 ft.	65	2 35	Dwarf Giants of California. A huge ruffled mixture. 12 in.	80	2 60	Dwarf Double Mixed. Flowers 2 inches across. 18 in.	65	2 35
Blue Boy. Large, double deep blue cornflowers. 2½ ft.	65	2 35	Yellow Supreme. Carnation- like, cream-yellow. 2½ ft.	65	2 35	Prima Donna. Huge fringed bright rose-pink. 12 in.	1 00	3 50	Dwarf Double, in Colors. Canary yellow, Rose, Deep red, Salmon, White. 18 in.	75	3 00
Super Giant Mixed. Contains all the available colors. 2½ ft.	65	2 35	Nicotiana affinis , White. Frag- rant, fine in masses. 3 ft.	80	2 60	Petunia, All-Double. Mixed. (24 plants per flat.) 12 in.	1 75	3 00	Fantasy Mixed. Shaggy, ray- like curled petals. 2½ ft.	65	2 35
Cosmos , Sensation Mixed. Con- tains pink, red, white. 4 ft.	65	2 35	Daylight Mixed. All of the bright new shades. 2½ ft.	80	2 60	Portulaca , All-Double Mixed. For hot sunny spots. 6 in.	65	2 35	Giant Mixed. Huge double in attractive colors. 3 ft.	65	2 35
Dahlia , Unwin's Dwarf Mixed. For borders, cutting. 2 ft.	80	2 60	Petunia, Balcony. Mixed. For window boxes, walls. 18 in.	65	2 35	Salpiglossis , Candelabra Mxd. Rich colors, veined. 2½ ft.	80	2 60	Giant in Separate Colors. Canary yellow, Rose, Dark red, Salmon or White. 3 ft.	75	3 00
Dimorphotheca Mixed. Gold salmon, white Daisies. 1 ft.	80	2 60	Petunia, Dwarf Bedding. Blue Mound. Mid-blue. 12 in.	65	2 35	Salvia , Farnacea Blue Bedder. Lavender-blue Sage. 3 ft.	80	2 60	Lilliput, Pastel Mixed. Deeply globed, double. 15 in.	65	2 35
Gaillardia , Double Lorenziana. Mixed balled flowers. 18 in.	65	2 35	Fire Chief. Spectrum-red and scarlet-red glow. 12 in.	65	2 35	Bonfire. (Scarlet Sage). Vivid scarlet spikes. 2 ft.	80	2 60	Peppermint Stick Mixed. New striped, two toned. 2 ft.	65	2 35
Larkspur , Supreme Mixed. A must for cutting. 3 ft.	65	2 35	Rosy Morn. Bright rosy pink with white throat. 10 in.	65	2 35	Fireworks. Very early of the brightest scarlet. 11 in.	80	2 60	Tom Thumb Mixed. Perfect for edging, compact. 8 in.	65	2 35
Lobelia , Dwarf Blue Stone. Neat edgings, rock gardens. 6 in.	65	2 35	Silver Medal. Deep salmon; salmon-cerise sheen. 12 in.	80	3 25	Welwyn Mixed. Lilac, pink, purple, maroon, white. 3 ft.	95	3 00			

FORBES POT-GROWN FLOWER PLANTS

These plants are unusually well-rooted and established in pots of ample size for fine development. They will, without any check, continue their sturdy growth in your flower bed or window box. In comparing with other offers please note that our pot sizes are larger than is usual assuring you of heavier, stronger root systems.

Begonia, Double Camellia-flowered. Fine for shaded window boxes and borders. Beautiful waxy, Camellia-like, flowers in lovely shades. Fine for cutting. Ht. 1 ft. In **Rose, Salmon, Scarlet, White and Yellow.** 4-in. pots. 55c each; 3 for \$1.50; \$5.50 per doz.

Begonia, Bedding. For dwarf beds, edgings. Waxy leaves, abundant bloom. Ht. 10 in. **Bright Pink, Red, or White** in 3-in. pots. 35c each; 3 for \$1; \$3.50 per doz.

Begonia, Lloydii. Trailing, for hanging baskets, window boxes or rock gardens in half or full shade, with 3-inch flowers all summer. **Rose, Scarlet, White and Yellow.** 4-in. pots. 55c each; 3 for \$1.50; \$5.50 per doz.

Caladium, Fancy-Leaved. Foliage plants for half-shade or shade. Ht. 15 in. 4-in. pots. 75c each; 3 for \$2.10.

Canna. For sunny beds. **City of Portland (pink), Eureka (white), King Humbert (orange-scarlet; bronze leaves), President (red), Yellow King Humbert.** In 5-in. pots. 3 for \$1.35; \$4.75 per doz.; \$3.50 per 100.

Coleus, Bedding Mixed. Varied forms for bright sunny border edgings. 3-in. pots. \$2.50 per doz.; \$19 per 100.

Dahlia, Unwin's Dwarf Mixed. Beautiful for borders or cutting. Ht. 2 ft. 4-in. pots. 45c each; \$4.25 per doz.

Daisy, Boston Yellow. (Marguerite). Long lasting, light yellow. 3-in. pots. 40c each; 3 for \$1.10; \$3.75 per doz.

Fuchsias. For half shade in light soil. Fine for porch boxes and borders. Bloom all summer. In several varieties. 4-in. pots. 75c each; 3 for \$2.10; \$7.50 per doz.

Geraniums. Salmon-pink, Light red, Dark red, and White. 4-in. pots. Price to be established May 1st.

Gourds, Small Varieties Mixed. When vine is 7 ft. long, cut off end of main stem to induce branches to bear fruit. 3-in. pots. 25c each; 3 for 60c; \$2 per doz.

Heliotrope, True Royal Fragrance. For window boxes, borders. Very fragrant. 4-in. pots. 50c each; 3 for \$1.35.

Impatiens, Holsti. Nice for continuous bloom throughout summer in shaded borders. Ht. 1½ ft., 2¼ in. pots. **Deep Pink, Red or White.** Any of these colors, 35c each; 3 for \$1; \$3.50 per doz.

Lantana. For sun. **Deep Pink, Orange, Red, Yellow, White.** 4-in. pots. 50c each; 3 for \$1.35; \$4.75 per doz.

Morning-Glory, Heavenly Blue, huge sky-blue; **Pearly Gates,** white; **Candy Pink,** salmony rose-pink. 3-in. pots. 25c each; 3 for 60c; \$2 per doz.

Nemesia, Dwarf Mixed. The orchid-like flowers come in delightful pastels and bright colors for edging. Ht. 9 in. In 3-in. pots. 35c each; 3 for \$1; \$3.50 per doz.

Petunia, All-Double Dwarf, Mixed. Very large, double, fringed flowers in rose, purple, burgundy, pink, salmon, mauve, and white on dwarf, compact plants. Ht. 1 ft. 4-in. pots. 50c each; 3 for \$1.35; \$4.75 per doz.

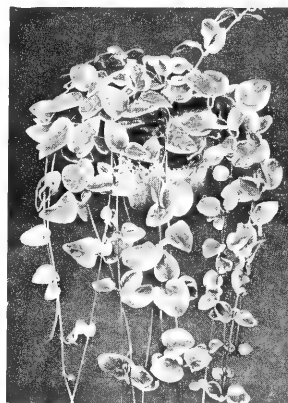
Phlox Drummondii, Dwarf Mixed. Pastel colors in full sun all summer. Ht. 6 in. In 2¼-in. pots. 25c each; 3 for 60c; \$2 per doz.

Rose Geranium. Fragrant house or border plants. 4-in. pots. **Pink.** 45c each; 3 for \$1.20; \$4.25 per doz.

Vinca variegata. Green- and white-leaved trailing, for window boxes. 4-in. pots. 55c each; 3 for \$1.50; \$5.50 per doz.



Petunia, All Double Dwarf



Vinca Variegata



Begonia, Double Camellia-Flt.

HERB PLANTS

Here is a nice selection of the most useful plants for your Herb Garden. Those in the first group are either annuals or tender perennials and will not live over winter here. For herbs more easily grown from seed, see under Vegetable Seed.

PLANT THESE EVERY YEAR

Basil, Sweet. Broad-leaved. Spicy tasting leaves for salads and when dried for flavoring soups, etc.

Rosemary. Fragrant odor and warm pungent taste for flavoring meats, stews and for seasoning.

Summer Savory. Dried leaves and flower-tops for dressings; flavoring meats. When green for salads.

Sweet Marjoram. Young tender leaves are good in salads and when dried flavor soups, dressings, etc.

All above, in 3-in. pots, 20c each; \$1.80 doz.

THESE LIVE YEAR AFTER YEAR

Asperula odorata (Sweet Woodruff). 55c each; 3 for \$1.50.

Chives. To flavor cheese, soups, stews. 45c each; 3 for \$1.20.

Lavender (Lavandula Spica). 55c each; 3 for \$1.50.

Monarda (Bergamot). In 4 colors. 50c each; 3 for \$1.35.

Nepeta (Catnip). Pungent odor. 50c each; 3 for \$1.35.

Peppermint. 50c each; 3 for \$1.35.

Sage (Salvia officinalis). Seasoning. 55c each; 3 for \$1.50.

Santolina, incana or viridis. For edging. \$6 per doz.

Tarragon, True French. For vinegar. 55c each; 3 for \$1.50.

Thyme (Thymus vulgaris). Seasoning. 55c each; 3 for \$1.50.

Valeriana. White or Rose. 55c each; 3 for \$1.50.

For above also see pages 13 to 20

GIANT PANSY PLANTS

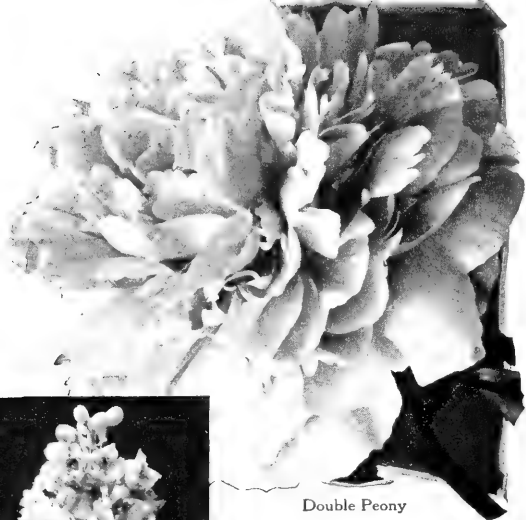
Growing in flats of soil

Here's a new service—plants of our Giant-flowered Pansies grown one dozen to a soil flat, all ready to set out in your garden. Unlike the early bedding Pansies sold in baskets which have a relatively short season of bloom, these will continue to produce their huge blooms, if planted in full sun or half shade, right up to late fall and early winter.

Super Swiss Giants, Mixed. This by far surpasses in quality and range of color any other Giant Pansy mixture. The plants are more compact and most of the flowers are beautifully frilled. They are of perfect form, with thick, velvety, rounded petals in a color-range beyond belief—bronze, silver, gold, copper-wine-red, pink, salmon, silver-grey, brown, Indian red, steel-blue, dark blue and yellow. **\$1.75 per flat of 12 plants. 3 flats for \$4.95.**



Pansy
Super Swiss
Giants



Double Peony

We also offer started plants in 6-inch pots of both Bearded Iris and Japanese Iris. See under Perennial Plants on pages 13 to 20.



Oriental Poppy



Delphinium Pacific Giant Hybrid

DELPHINIUM PLANTS IN POTS

Whether in background border groups or above the pure whiteness of Madonna lilies, Delphiniums raise their proud majestic spikes in June for your sheer enjoyment. They are perfectly hardy.

Belladonna Improved or Cliveden Beauty. This is a marked improvement over the original strain, with loose spikes of large flowers of iridescent, light turquoise-blue on plants 4 feet high. One of the easiest to grow and delightful for cutting.

Bellamosum Improved. Really a dark blue form of the Belladonna, this is very uniform in color with loose spikes, often 2½ inches across. They are excellent for June cut flowers and grow from 3 to 4 feet high.

Blackmore and Langdon's Giant Exhibition Hybrids. Developed by the English specialists, these grow to a height of 6 feet with solid, erect spikes of very large florets in delightful shades of blue, mauve, lavender, lilac, violet and purple.

Hollyhock-flowered Wrexham Hybrids. Another English strain with flowers of superb size, exquisitely proportioned on tapered, 6-foot spires. The florets come in lovely tones of blue, mauve, lilac, purple and violet in wonderful variations.

Any of the above 4, 75c each; 3 for \$2.10; \$7.80 per doz. established in 6-inch pots

Pacific Giant Hybrids. Huge, 2½-inch florets, nearly all double, evenly spaced on compact, tapering, 6 to 7-foot spikes. They are mildew-resistant. In separate colors: **Asolat**, mostly pink shades; **Black Knight**, dark blue, black bee; **Blue Bird**, mid-blue, white bee; **Galahad**, all white; **King Arthur**, violet, white bee; and **Summer Skies**, light blue, white bee.

Any of the 6 Pacific Giants, 95c each; 3 for \$2.70; \$10.25 per doz. in 6-inch pots

Culture: Delphinium require excellent drainage and very deep soil, enriched with rotted manure for good root development. They thrive best in a light to medium soil which must be alkaline. To maintain this condition apply pulverized limestone lightly on the surface two or three times a season. Locate them in sun and feed with a 5-10-5 fertilizer in March. You will have best results if you start with pot-grown plants. After the June bloom has faded, cut the stalks back just above the leaves. After 3 weeks' rest, feed again with fertilizer. The new growth, thinned to 4 strong shoots, will bloom in fall.

DOUBLE PEONY PLANTS IN POTS

As individual clumps or in borders in front of shrubbery they are magnificent in flower and handsome in foliage throughout the season. They can be depended upon to bloom for many, many years. In 7x9 in. pots.

Auguste Dessert. 8.7. A pretty rose-red which is narrowly edged with silver. \$1.75 each; 3 for \$4.95.

Festiva Maxima. 9.3. Early white with crimson center markings. \$1.55 each; 3 for \$4.35.

Frances Willard. 9.1. A very beautiful, full double variety with bluish white petals. \$1.55 each; 3 for \$4.35.

Karl Rosenfeld. 8.8. Free-blooming; bright crimson flowers. \$1.55 each; 3 for \$4.35.

Katherine Havemeyer. 9.0. Soft flesh pink full double. \$1.55 each; 3 for \$4.35.

Longfellow. 9.0. Full, of distinct fadeless bright crimson. \$1.75 each; 3 for \$4.95.

Mary Brand. 8.7. Fragrant dark crimson-red double flowers. \$1.75 each; 3 for \$4.95.

Mons. Martin Cahuzac. 8.8. Dark purple-garnet, black reflex. \$2.25 each; 3 for \$6.45.

Primevere. 8.6. Deep creamy yellow with sulphur yellow center. \$1.75 each; 3 for \$4.95.

Sarah Bernhardt. 9.0. Deep rose-pink, fragrant tipped silver. \$1.55 each; 3 for \$4.35.

Solange. 9.7. Waxy white with orange and gold brown center. \$1.55 each; 3 for \$4.35.

Walter Faxon. 9.3. Free blooming; delightful salmon-rose flowers. \$1.75 each; 3 for \$4.95.

SPECIES DOUBLE PEONY PLANTS

To lengthen the season of Peony bloom add these delightfully fragrant species to your Peony planting. They come to bloom 2 to 3 weeks earlier than the regular varieties.

Officinalis Alba plena. An early double very fragrant white.

Officinalis Rosea plena. A bright pink counterpart to the others.

Officinalis Rubra plena. The earliest of all with rich red flowers.

In 7 x 9-inch pots, any of the 3 varieties, \$2.25 each; 3 for \$6.45

Culture: Plant 3 feet apart in a fertile, well-drained, moderately heavy, deep soil in a sunny or lightly shaded location. Dig a hole 2 to 2½ feet wide and 2 feet deep. Mix half the soil with plenty of old, well-rotted manure and a 4-inch potful of bonemeal. Backfill this and tamp down hard. Thoroughly mix the remaining half of soil with a shovelful of wood ashes, a handful of bonemeal, a lot of humus and a little limestone. Backfill and tamp hard. Further settle with water for a few days. Set our Potted Plants with the soil level of pot even with garden soil level. Set wire rings on stakes to support plants.

ORIENTAL POPPIES IN POTS

These make bright color accents and are striking against a dark green hedge or evergreens. All they ask is lots of sun and a well-drained rich soil. Each year they will reward you in late May and June. Ht. 3 ft.

Barr's White. Large, pure white satiny flowers with strongly contrasting purplish black centers.

Betty Ann. Flowers of La France pink without blotches, freely produced on strong, robust plants.

Big Jim. Huge flowers of deep maroon on strong free-flowering plants.

Cerise Beauty. Free-flowering plants with cerise-rose blooms; black-purple centers.

Flashy Glow. Large bright golden yellow flowers with a suffusion of orange.

Gold of Ophir. Dwarfed plants, 26 inches high, with big golden orange flowers.

Henry Cayeaux Improved. Large old rose shaded burgundy; perfect in light shade.

Hercules. Tremendous, true scarlet flowers on sturdy plants. 3½ feet high.

Joyce. Big soft red with a suffusion of cherry-red on tall, strong plants.

Wurtembergia. Tremendously large flowers of a cerise-scarlet with big black centers.

In 6-inch pots, any of the 10 varieties, 80c each; 3 for \$2.25; \$8.40 per doz.

HARDY GARDEN CHRYSANTHEMUMS

There is nothing to excel these in satisfaction or to bring color to the garden in the fall of the year. They like rich soil, lots of sun and water. The varieties offered below are the best in color and type, and will make a tremendous show for a small outlay. You can make your own selection and take them with you, or send in your order and we will deliver, if you live within our delivery area. See Free Delivery on pages 1 and 5.

Our plants, ready in May, are in 3-inch pots with well-developed root-systems

CUSHION MUMS or AZALEAMUMS

Elite Cushion
Major Cushion
Red Cloud
White Cushion
Yellow Supreme

Color description

Quaint bronze shadings on mound-like plants.
Deep rose-pink, 2-in. flowers paling very little.
Best red cushion; showy 2½-in., velvety red tones.
Covered with 2-in. white, pink centered flowers.
Nice 2-in. canary yellow flowers; round plants.

Height	In Bloom	Each	3 for	Doz.
15-18 in.	Sept. 25	\$0.50	\$1.35	\$4.75
12 in.	Sept. 10			
12-15 in.	Sept. 20			
12-15 in.	Sept. 10			
15-18 in.	Sept. 20			

POMPON VARIETIES

Canary Wonder
Chiquita
Early Wonder, Imp'v'd.
Golden Wonder
Jubilee
White Wonder

Huge sprays of canary-primrose yellow 1½-in. globes.
Fine compact, domed flower of deep lemon yellow.
Fine sprays for cutting of firm soft pink globes.
Attractive golden yellow formal pompon globes.
Informal 1½-in. glowing red turning clear deep red.
Perfect cream to white globes; long cutting stems.

2-2½ ft.	Sept. 25	.50	1.35	4.75
20 in.	Sept. 25	.50	1.35	4.75
2½ ft.	Sept. 25	.50	1.35	4.75
1½ ft.	Sept. 25	.60	1.65	6.00
1½ ft.	Oct. 1	.60	1.65	6.00
3 ft.	Sept. 25	.50	1.35	4.75

DOUBLE VARIETIES

Admiration
Alex Cumming
Apache
Betty
Chippewa
Courageous
Elizabeth Hood
Ermine
Fascination
Flamboyant
Gardenia
Glow-worm
Golden Sunset
Huntsman
Joan Helen
Lavender Lady
Lee Powell
Mrs. Kidder
Patricia Lehman
Red Velvet
Spindrift
Success
Tranquility
Yellow Avalanche
Yellow Chris Columbus

Peach-salmon-fawn flushed red-gold, 3 in. diam.
Superb 4-in., pure cerise flowers maturing rose.
Brilliant, deep fire-cracker-red, 4-in. quilled flowers.
Semi-double fine apple-blossom pink, upright plant.
Tumbling sprays of glossy aster-purple and wine.
Vivid crimson-red, 3½-in. flowers which last well.
Lovely soft orchid pink of great appeal.
Very double, creamy white 3-in. with wide petals.
Silvery lavender-pink 4-in. flowers; center deeper.
Tangerine-scarlet overlaid orange; gold centers.
A large decorative cream-white of distinction.
Tangerine-scarlet to bronze-red, 2 in. semi-double.
Beautiful large flowers of coppery gold tones.
Scarlet-orange shaded walnut-bronze; 3-in. double.
Sparkling garnet shading to purple, 2½-in., semi-dbl.
Fine pure lavender, 3-in. fully double flowers.
Fluffy Chinese-yellow, 4½-in.; center tinged orange.
Huge 5-in. golden yellow blooms if disbudded.
Fluffy, recurved, geranium pink centered peach.
Full-double, rich velvety crimson-red flowers.
Double 3-in. white flower with soft creamy center.
Unfading, brilliant crimson, full 3 to 4 in. blooms.
Round 3-in. pale primrose to canary-lemon flowers.
Sprays of big, fluffy soft yellow flowers, 3½-in. across.
Beautiful extra bright, lemon-yellow flowers.

2½ ft.	Sept. 25	.60	1.65	6.00
2½ ft.	Oct. 1	.60	1.65	6.00
2½ ft.	Sept. 15	.75	2.10	7.80
2 ft.	Sept. 20	.50	1.35	4.75
2 ft.	Sept. 10			
2½ ft.	Oct. 1			
2 ft.	Oct. 10			
2 ft.	Oct. 1	.50	1.35	4.75
2 ft.	Sept. 25	.60	1.65	6.00
2 ft.	Sept. 15	.75	2.10	7.80
2 ft.	Oct. 1	.75	2.10	7.80
1½ ft.	Sept. 10	.90	1.35	4.75
2½ ft.	Sept. 25	.50	1.35	4.75
1½ ft.	Sept. 15	.50	1.35	4.75
2½ ft.	Oct. 5	.60	1.65	6.00
2½ ft.	Oct. 10	.50	1.35	4.75
2 ft.	Oct. 1	.50	1.35	4.75
2½ ft.	Oct. 5	.50	1.35	4.75
1½-2 ft.	Oct. 1	.75	2.10	7.80
2½ ft.	Oct. 1	.50	1.35	4.75
1½ ft.	Sept. 15	.75	2.10	7.80
2 ft.	Sept. 20	.90	1.35	4.75
2 ft.	Sept. 15	.50	1.35	4.75

SPOON VARIETIES

Garnet Spoon
Peach Spoon
White Spoon
Yellow Spoon

Rich garnet-purple with faint yellow throat; exotic.
Peach, with China yellow tubs; aging peach-pink.
Large, handsome white with creamy center.
Large, golden yellow flowers 3½ in. across.

2 ft.	Oct. 5	.50	1.35	4.75
2 ft.	Oct. 5			
20 in.	Oct. 1			
2 ft.	Oct. 1			

Hardy Chrysanthemums in Full Bloom Next Fall!

Plants will be for sale in full bloom and may be moved to your fall garden without set-back.

Chrysanthemum,
Lee Powell

Chrysanthemum,
Alex Cumming

Chrysanthemum,
Fascination

Chrysanthemum,
Yellow Supreme

FORBES HARDY VINES IN POTS

For such a small outlay there are few plants that give so much in return as the Hardy Vines. A few, well placed, with their delightful charm will greatly enhance the beauty of your garden. They soften harsh lines, bring beauty to bare walls and welcome to doorways.



Clematis, Ramona

Wisteria, Chinese

Ampelopsis Veitchi

Polygonum Auberti

Ampelopsis quinquefolia. Virginia Creeper. A strong, vigorous, fast-growing vine with large attractive foliage that changes to scarlet-gold shades in the fall. It is very hardy and readily adapts itself to trellises, arbors and stone walls in sun or shade. 70c each; 3 for \$1.95.

Ampelopsis Veitchi. Boston Ivy. For clinging to brick, masonry or even smooth walls in part shade. Grows 25 feet in 3 years and has dense dark green foliage, which turns bronze-red in the fall. \$1.25 each; 3 for \$3.50.

Aristolochia Siphon. Dutchman's Pipe. The large, heart-shaped leaves provide a dense screen or quick shade for porches and pergolas. The curious brownish flowers are pipe-shaped. Likes sun. \$1.50 each; 3 for \$4.25.

Bignonia radicans. Trumpet Vine. Delights in sun or part shade. It grows tall, rapidly bearing clusters of large, bright orange-scarlet flowers through the summer. It will cling to both wood and masonry. 95c each; 3 for \$2.70.

Celastrus scandens. Bittersweet. A vigorous rampant plant that grows well in sun or shade. It has large handsome light green foliage and, in May and June bears yellow flowers. In the fall the clusters of yellow, orange-capsuled fruit appear. As these are often bisexual, plant 2 or 3 together to insure berries. 90c each; 3 for \$2.55.

Clematis montana rubens. In late May and June, a profusion of rosy red flowers, up to 2 inches across, changing to clear, deep pink. Fine for walls, growing 10 to 15 feet, with dark foliage overcast with purple tones. Prune deadwood only in early March. \$1.25 each; 3 for \$3.50.

Clematis paniculata. Virgin's Bower. This hardy vine, growing 15 feet in a season, adapts itself to all situations. A mass of fragrant, fleshy, white bloom, above the small dense foliage, from August to frost. \$1 each; 3 for \$2.85.

Clematis tangutica. Dainty and unusual golden yellow, lantern-like, small bell-flowers from late June into September on 10-foot vines. \$1.25 each; 3 for \$3.50.

Clematis texensis. Curious urn-shaped, inch-long flowers of reddish rose; buff inside. Planted near a fence, stone wall or trellis the 6-foot vines will make a gorgeous display from July to September. \$1.25 each; 3 for \$3.50.

Euonymus radicans vegetus. Evergreen Wintercreeper. Unexcelled in sun or shade for a hardy, evergreen wall cover or on large, old trees where it grows 25 feet high. Splendid for covering banks. It has thick, leathery, dark green leaves and bears bright orange berries in the fall. 90c each; 3 for \$2.55; \$9.50 per doz.

Hydrangea petiolaris. A very unusual, 10-foot woody vine which clings to both masonry and wood and to trees without support. It has dark green, clean foliage and short spur branches topped with fragrant white Hydrangea-like blooms all summer. It likes rich moist soil in either sun or shade. \$2.75 each; 3 for \$7.75.

Ivy, English (Hedera Helix). A vine, with shiny leaves, for masonry walls, borders, graves, window boxes, as a ground cover, even in the densest shade. In soil, (minimum) flat of 25 for \$4; \$16 per 100. Also larger plants in 4-inch pots, 60c each; 3 for \$1.65; \$6 per doz.

For Climbing Roses see page 27

Lonicera Halliana. Hall's Honeysuckle. Fine for steep banks, dense screens, porches, trellises and fences in sun or part shade. Vigorous, with almost evergreen foliage and fragrant flowers, white turning to yellow, all through summer. 75c each; 3 for \$2.10; \$7.50 per doz.; \$60 per 100.

Lonicera, Goldflame. Huge clusters of fragrant blooms, the outside of the petals of brilliant flame-coral, inside of creamy gold, from May to frost. \$1.10 each; 3 for \$3.

Polygonum Auberti. Silver Lace Vine. Grows 15 feet the first year. Has shiny, bright green foliage covered in summer and fall with foamy sprays of white flowers. Likes full sun and a rich sandy soil. \$1.25 each; 3 for \$3.50.

Wisteria, Chinese. Long hanging fragrant flower-clusters in early summer. Likes a well-drained loam in full sun and lots of water when in bloom. Prune tops back hard from June to August. **Lavender-blue or White.** Each, grafted plants, \$2 each; 3 for \$5.75.

Wisteria multijuga rosea. Pink Weeping Wisteria. Has slender racemes, often 18 inches long, of smaller flowers produced freely on vigorous vines. \$2 each; 3 for \$5.75.

Large-flowered Clematis

Outstanding in color and form, these vines add charm to any garden. When grown on trellises against house, porch or garage they help tie in the building with the garden. Supported on wires, they are effective on walls and they change an unsightly stump or fence into a thing of beauty.

Culture. Best in partial shade, but if in full sun, shade the base with small plants and peat moss. Prepare soil 2 feet deep with sand and rotted manure and some lime. Set plants with collar 3 inches below soil level. Water amply during drought. Don't prune until well established; then in early spring prune back old wood to 3 feet. Mulch each fall with leaves, peat or rotted manure; in spring mix into soil.

Comtesse de Bouchaud. A strong grower and profuse bloomer from July to September, reaching 8 to 10 feet. The curved petals range from satiny rose to rich pink.

Crimson Star. Spectacular flowers, often 6 inches across, of true rich red with no purple tones, in profusion on 8 to 10-foot, vigorous vines from July to September.

Duchess of Edinburgh. Magnificent, big double white flowers all summer on 8-foot vines.

Henry. Huge cream-white flowers, often 8 inches across, all summer on vigorous, 8-foot vines.

Jackmani. The vigorous growth is often 10 feet high, covered with deep violet-purple flowers through summer and fall.

Lord Neville. Makes a striking effect against a white wall or trellis. The 7-foot vines, from June to September, bear large graceful flowers of velvety plum-purple.

Mrs. Cholmondeley. Large open flowers of wisteria-blue are borne freely on 8-foot vines from July to September.

Nelly Moser. The red bars centering the pale mauve petals accentuate the beauty of this vigorous variety. The vines, 10 to 12 feet high, flower from June to October.

Ramona. Pale blue flowers, with rounded petals and darker anthers cover the 8-foot vine, from July to September.

Any of the above 9, \$1.75 each; 3 for \$4.95

Straight Trellises. Natural redwood, strong, 8 ft. long in 3 widths, 18 in. \$3.25; 24 in. \$3.50; 30 in. \$3.75.

Fan Trellises. Of natural redwood. 8 ft. tall, \$2.80 ea.

Trellis Wire. Galvanized 1 x 2 in., 3 ft. wide, 35c. ft.

Vine Guides. To cement on masonry walls, 25 for \$1.

Wall Nails. Iron shank, lead clips. 20 assorted, 80c.



Lonicera Halliana

FORBES HARDY PERENNIAL PLANTS (IN POTS)

The Perennial Plants we offer are of unusually large size, in 5, 6 and 7-inch pots, with ample soil for strong root development. They are plants produced to succeed in your garden rather than for a conveniently small size for shipping. When you see them in the sales beds at our Garden Center on Route 10, Hanover, N. J., you will instantly recognize their superior quality.

We lift the plants, in pots, and place them in your car. Within the hour you can remove the pots and set the plants out in your garden to continue their growth unchecked. Our large plants provide earlier, fuller bloom the first season, without loss. For equal cost our plants are far superior.

Come and make your own selection and take them with you, or send in your order and we will deliver within our delivery area. *We cannot ship plants by mail, express or freight.* See page 5.

In column Sun Needed	O means full sun, @ half shade-half sun, ● full shade	Color	Height	Time of Bloom	Sun Needed	Type soil Preferred	Inches Apart	Uses	Each	3 for	Doz.
ACHILLEA (Milfoil or Yarrow)		White; double	2½-3 ft.	June-Sept.	○	1D	12	Border; cutting	\$.55	1.50	\$5.50
Patmna, Boule de Neige		Pale yellow	1½-2 ft.	June	○	1D	15	Border; cutting	.55	1.50	5.50
Tagetes		Bright yellow	8 in.	June-July	○	1D	12	Edges; rockery	.55	1.50	5.50
Tomentosa											
ACONITUM (Monkshood)		Dark blue	4½ ft.	July-Aug.	○	4	15	Border; woods	.65	1.80	6.50
Napellus, Sparks' Variety											
ÆTHIONEMA (Persian Candytuft)		Rose	9 in.	June-July	○	3G	12	Edges; rockery	.65	1.80	6.50
Warley Rose											
AJUGA (Bugle)		Violet-blue	3-4 in.	May-June	○	2; 4	10	Carpet; rockery	25 for \$4.00	2.50	
Reptans (Evergreen)											
ALYSSUM (Madwort)		Lemon-yellow	9-12 in.	April-May	○	2; 4D	8	Edges; rockery	.60	1.65	6.00
Saxatile citrinum		Golden yellow	9-12 in.	April-May	○	2; 4D	8	Carpeting	.55	1.50	5.50
Saxatile compactum		Golden yellow	9-12 in.	April-May	○	2; 4D	8	Rock walls	.65	1.80	6.50
Saxatile, Double											
AMSONIA		Pale blue	2-3 ft.	May-July	○	2; 4W	12	Border; massing	.65	1.80	6.50
Taberna Montana											
ANCHUSA (Alkanet or Bugloss)		Gentian blue	4-5 ft.	June on	○	2D	18	Border; massing	.55	1.50	5.50
Italica, Dromore		Myosotis-blue	1-1½ ft.	May	○	2	15	Border; rockery	.55	1.50	5.50
Myosotidiflora											
ANEMONE (Windflower)		Mauve-rose	2-3 ft.	Aug.-Oct.	○	4HS	15	Border; cutting	.65	1.80	6.50
Hupehensis		Silvery pink	2 ft.	Sept.	○	4HS	12	Border; cutting	.65	1.80	6.50
Japonica, September Charm		White	2-3 ft.	Sept.	○	4HS	12	Border; cutting	.65	1.80	6.50
Pulsatilla (Pasque Flower)		Rose-lilac	10-12 in.	April-May	○	3G	12	Border; rockery	.55	1.50	5.50
ANTHEMIS (Yellow Marguerite)		Pale yellow	2½ ft.	June-Oct.	○	2D; 4D	18	Border; cutting	.60	1.65	6.00
Moonlight (Chamomile)		Clear yellow	2½ ft.	June-Oct.	○	2D; 4D	18	Border; cutting	.55	1.50	5.50
Tinctoria											
AQUILEGIA (Columbine)		Various blues	2½ ft.	May-June	○	2K; 4K	12	Border; cutting	.55	1.50	5.50
Long-spurred, Blue Shades		Soft yellow	2½ ft.	May-June	○	2K; 4K	12	Border; cutting	.55	1.50	5.50
Long-spurred, Chrysanth		Crimson & white	2½ ft.	May-June	○	2K; 4K	12	Border; cutting	.55	1.50	5.50
Long-spurred, Crimson Star		Rose shades	2½ ft.	May-June	○	2K; 4K	12	Border; cutting	.55	1.50	5.50
Long-spurred, Rose Queen		Pure white	2½ ft.	May-June	○	2K; 4K	12	Border; cutting	.55	1.50	5.50
Long-spurred, Snow Queen		Deep blue	10-12 in.	May-June	○	2K; 4K	12	Border; rockery	.55	1.50	5.50
Flabellata coerulesa		Ivory white	8-10 in.	May-June	○	2K; 4K	12	Border; rockery	.55	1.50	5.50
Flabellata nana alba											
ARABIS (Rock Cress)		Pure white	6 in.	April-May	○	2D	12	Border; rockery	.65	1.80	6.50
Albida Double		Pure white	6 in.	April-May	○	2D	12	Rock walls	.60	1.65	6.00
Alpina		Rosy red	6 in.	April-May	○	2	12	Border; rockery	.55	1.50	5.50
Alpina, Spring Charm											
ARENARIA (Sandwort)		Silvery white	6 in.	May-June	○	3	12	Rockery; wall	.55	1.50	5.50
Narica		Tiny, white	1-2 in.	May	○	3	6	Rockery; walks	.55	1.50	5.50
VERNA CAESPITOSA											
ARMERIA (Thrift)		Pink	4 in.	April-May	○	2; 4; SD	8	Edges; rockery	.55	1.50	5.50
Caespitosa		Rosy red	6-8 in.	April-June	○	2; 4; SD	8	Edges; rockery	.55	1.50	5.50
Lauchena											
ARTEMISIA (Ghost Plant)		White	4 ft.	Sept.	○	1D; 2DP	15	Border; contrast	.55	1.50	5.50
Lactiflora (White Mugwort)		Silver mist	2½-3 ft.	April-Oct.	○	1D; 2DP	12	Contrast plant	.55	1.50	5.50
Silver King		Silver mat	4 in.	April-Oct.	○	1D; 2DP	12	Edges; rockery	.60	1.65	6.00
Silver Mound											



Athionema
Warley Rose



Aquilegia
long-spurred

Explanation of Column Type Soil Preferred

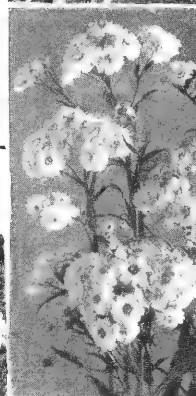
- 1 = Poor sandy or clay soil
- 2 = Deep (10 in.) light loam
- 3 = Sandy loam + leaf mould
- 4 = Deep (10 in.) medium loam
- 5 = Heavy loam or clay loam

- A = Acid or sour
- C = Crushed limestone
- D = Dry or ordinary
- G = Gravel or rubble
- H = Humus or peat
- K = Lime or alkaline
- L = Leaf mould
- M = Manure, fertilizer
- P = Poor, no manure
- S = Sandy or gritty
- W = Moist or wet

To help you know Perennials
read the Book of Perennials
by A. C. Hottes, \$2.75.



Achillea
ptarmica



Anemone
japonica



Chrysanthemum
Maximum Alaska



Astilbe (Spiraea)



Aster,
Harrington's Pink



Campanula carpatica

Explanation of Column Type Soil Preferred

- 1 = Poor sandy or clay soil
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Campanula garganica



In column sun, @ half shade-half sun, ● full shade	Sun Needed	Color	Height	Time of Bloom	Sun Needed	Type soil preferred	Inches Apart	Uses	Each	3 for	Doz.
ASCLEPIAS (Butterfly Weed) Tuberosa		Red-orange	1½-2 ft.	July-Aug.	○	5H	15	Border; cutting	\$0.60	\$1.65	\$6.00
ASPERULA Odorata (Sweet Woodruff)		White	6-8 in.	May	○●●	2H; 4H	12	Ground-cover	.55	1.50	5.50
ASTER (Michaelmas Daisy) Beechwood Challenger		Crimson-red	2½-3 ft.	Sept.-Oct.	○●	4	18	Border; cutting	.60	1.65	6.00
Blue Plume		Deep blue	3-3½ ft.	Sept.-Oct.	○●	4	18	Border; cutting	.60	1.65	6.00
Harrington's Pink		Rose-pink	3-4 ft.	Sept.-Oct.	○●	4	18	Border; cutting	.60	1.65	6.00
Mt. Everest		Pure white	3-4 ft.	Sept.-Oct.	○●	4	18	Border; cutting	.60	1.65	6.00
ASTER, Dwarf Lady Maddocks		Rose pink	9 in.	Sept.-Oct.	○●	4	12	Border; rockery	.55	1.50	5.50
Niobe		White	9 in.	Sept.-Oct.	○●	4	12	Border; rockery	.55	1.50	5.50
Victor		Lavender-blue	9 in.	Sept.-Oct.	○●	4	12	Border; rockery	.55	1.50	5.50
ASTER Species (Starwort) Alpinus, Goliath		Blue-purple	8 in.	May-June	○●	4	8	Edges; rockery	.55	1.50	5.50
Frikarti		Lavender-blue	2-3 ft.	June-Nov.	○●	4	18	Border; cutting	.65	1.80	6.50
ASTILBE (Spiraea) Fanal		Crimson	2 ft.	June	○●	5HW	18	Border; masses	.85	2.40	9.00
Gertrude Brix		Cerise-red	2-2½ ft.	June	○●	5HW	18	Border; masses	.85	2.40	9.00
Gladstone		White	2-2½ ft.	June	○●	5HW	18	Border; masses	.85	2.40	9.00
Peachblossom		Peach-pink	2-2½ ft.	June	○●	5HW	18	Border; masses	.85	2.40	9.00
AUBRIETA (Purple Rock Cress) Monarch Mixture		Pink to purple	6 in.	April-May	○●	2; 4CS	6	Wall; rockery	.55	1.50	5.50
BAPTISIA (False Indigo) Australis		Indigo-blue	3-4 ft.	May-June	○	2; 4; 5	15	Border; cutting	.55	1.50	5.50
CAMPANULA (Bellflower) Carpatica, Blue Carpet		Violet-blue	6 in.	June-Oct.	○	4; 5	9	Edges; rockery	.55	1.50	5.50
Carpatica, White		White	8 in.	June-Oct.	○	4; 5	9	Edges; rockery	.55	1.50	5.50
Garganica, Trailing; white-eyed		Pale blue-violet	3-6 in.	June	○●	4HC	8	Rock wall; step	.55	1.50	5.50
Glomerata (Danes' Blood)		Purple	1-2 ft.	June-July	○●	4; 5	9	Border; cutting	.55	1.50	5.50
Latifolia macrantha		Lilac & purple	3-4 ft.	June-July	○●	4; 5	18	Cutting; masses	.55	1.50	5.50
Persicifolia, Blue (Peachbell)		Violet-blue	2½-3 ft.	June-July	○●	4; 5M	12	Border; cutting	.60	1.65	6.00
Persicifolia, Misty Morn		Double lavender	2½-3 ft.	June-July	○●	4; 5M	12	Border; cutting	.65	1.80	6.50
Persicifolia, White		White	2-2½ ft.	June-Aug.	○●	4; 5M	12	Border; cutting	.60	1.65	6.00
Rotundifolia (Scotch Bluebell)		Light blue	1 ft.	June-Aug.	○●	4HC	8	Rockery; slopes	.55	1.50	5.50
CARNATION, Hardy Border King of the Blacks		Black-red	20 in.	June-July	○	4K	12	Border; cutting	.55	1.50	5.50
Rose Queen		Rose-pink	20 in.	June-July	○	4K	12	Border; cutting	.55	1.50	5.50
Salmon Unique		Salmon	18 in.	July-Aug.	○	4K	12	Border; cutting	.60	1.65	6.00
Scarlet King		Scarlet	20 in.	June-July	○	4K	12	Border; cutting	.55	1.50	5.50
Wallace Red		Dazzling crimson	20 in.	June-July	○	4K	12	Border; cutting	.60	1.65	6.00
White Queen		White	20 in.	June-July	○	4K	12	Border; cutting	.55	1.50	5.50
Yellow Queen		Pale yellow	15 in.	June-July	○	4K	12	Border; cutting	.55	1.50	5.50
Dwarf Double Red Grenadin		Scarlet	15 in.	June	○	4K	12	Border; rockery	.55	1.50	5.50
Dwarf Vienna, Double Mixed		Various colors	14 in.	June	○	4K	12	Border; cutting	.55	1.50	5.50
CATANANCHE (Cupid's Dart) Coerulea		Violet-purple	1½ ft.	June-Sept.	○	2,4D	12	Border; cutting	.55	1.50	5.50
Alba		Pure white	1½ ft.	June-Sept.	○	2,4D	12	Everlasting	.55	1.50	5.50
CENTAUREA (Cornflower) Dealbata		Deep pink	2 ft.	June-Aug.	○●	1; 2; 4	15	Border; cutting	.55	1.50	5.50
Macrocephala, Golden Globe		Golden-yellow	2½-3 ft.	July-Sept.	○	2; 4	15	Border; cutting	.55	1.50	5.50
Montana		Violet-blue	12-16 in.	June-Sept.	○	2; 4	8	Border; cutting	.55	1.50	5.50
CERASTIUM (Snow-in-Summer) Tomentosum		White	6-8 in.	May-June	○●	1	12	Edges; rockery	.50	1.35	4.75
CHELONE (Turtle-Head) Lyoni		Purple-pink	2 ft.	July-Aug.	○●	4M	15	Border; cutting	.55	1.50	5.50
CHIVES		Purple	8 in.	May-June	○	2; 4	8	Herb garden	.45	1.20	4.25
CHRYSANthemum, See page 11											
CHRYSANthemum (Shasta Daisy) Maximum, Alaska		Single; white	2-2½ ft.	June-Sept.	○	4K	18	Border; cutting	.60	1.65	6.00
Maximum, Chiffon		Filled; white	2 ft.	June-Sept.	○	4K	12	Border; cutting	.65	1.80	6.50
Maximum, Double Shasta		Double; white	2-2½ ft.	June-Sept.	○	4K	15	Border; cutting	.65	1.80	6.50

In column Sun Needed O means full sun, @ half shade-half sun, ● full shade

	Color	Height	Time of Bloom	Sun Needed	Type soil Preferred	Inches Apart	Uses	Each	3 for	Doz.
CHRYSOOGONUM (Golden Star)										
Virginianum	Golden yellow	8 in.	April-Aug.	⊙⊙	4HLW	15	Border; by pool	\$.55	\$1.50	\$5.50
CIMICIFUGA (Snakeroot)										
Racemosa simplex	White	2½ ft.	Sept.-Oct.	⊙●	4HM	15	Border; cutting	.85	2.40	9.00
COREOPSIS (Tickseed)										
Double Sunburst	Golden yellow	2-2½ ft.	June-Sept.	⊙	1; 2; 4D	12	Border; cutting	.55	1.50	5.50
DAPHNE (Garland Flower)										
Cneorum, 7 to 9-in. diam.	Rose-pink	10-12 in.	April-May	⊙⊙	3GK	36	Edges; rockery	2.25	6.45	
DELPHINIUM (Perennial Larkspur)										
Belladonna, Cliveden Beauty	Turquoise-blue	4 ft.	June&Sept.	⊙⊙	4SMK	12	Border; cutting	.75	2.10	7.80
Bellamosum Improved	Dark Blue	4 ft.	June&Sept.	⊙⊙	4SMK	12	Border; cutting	.75	2.10	7.80
Blackmore & Langdon's Hybrids	Blue to pink	5-6 ft.	June&Sept.	⊙⊙	4SMK	15	Border; cutting	.75	2.10	7.80
Chinense, Dwarf Blue, White	Specify which	2 ft.	July-Aug.	⊙⊙	4SMK	12	Border; cutting	.60	1.65	6.00
Pacific Giant, Astolat. Mostly	pink shades	5-7 ft.	June&Sept.	⊙⊙	4SMK	15	Border; cutting	.95	2.70	10.25
Pacific Giant, Black Knight	Dark blue	5-7 ft.	June&Sept.	⊙⊙	4SMK	15	Border; cutting	.95	2.70	10.25
Pacific Giant, Bluebird	Medium blue	5-7 ft.	June&Sept.	⊙⊙	4SMK	15	Border; cutting	.95	2.70	10.25
Pacific Giant, Galahad	White	5-7 ft.	June&Sept.	⊙⊙	4SMK	15	Border; cutting	.95	2.70	10.25
Pacific Giant, King Arthur	Violet	5-7 ft.	June&Sept.	⊙⊙	4SMK	15	Border; cutting	.95	2.70	10.25
Pacific Giant, Summer Skies	Light blue	5-7 ft.	June&Sept.	⊙⊙	4SMK	15	Border; cutting	.95	2.70	10.25
Wrexham Hybrids	Blue to violet	6 ft.	June&Sept.	⊙⊙	4SMK	15	Border; cutting	.75	2.10	7.80
DIANTHUS (Garden Pink)										
Bobby	crimson center	8 in.	June-Sept.	⊙	2K	10	Edges; rockery	.55	1.50	5.50
Deltoides erecta	Rose red	6-9 in.	May-Sept.	⊙	2KM	8	Edges; rockery	.55	1.50	5.50
Latifolius, Beatrice	Pure pink	10 in.	June-Sept.	⊙	2K	10	Border; cutting	.65	1.80	6.50
Latifolius, Silver Mine	Pure white	10 in.	June-Sept.	⊙	2K	10	Rockery; border	.65	1.80	6.50
Little Joe	Crimson	6 in.	June-Sept.	⊙	2K	10	Edges; rockery	.55	1.50	5.50
Pink Princess	salmon-pink	12 in.	June-Sept.	⊙	2K	12	Border; cutting	.55	1.50	5.50
Tiny Rubies	Rose-pink	5 in.	June-July	⊙	2K	10	Edges; rockery	.55	1.50	5.50
DICENTRA										
Cucullaria (Dutchman's Breeches)	White; yellow tip	4-8 in.	April-May	⊙	2LM	12	Border; rockery	.55	1.50	5.50
Eximia (Fringed Bleeding-Heart)	Deep pink	1-1½ ft.	May-Oct.	⊙⊙●	2LM	12	Border; rockery	.65	1.80	6.50
Eximia, Sweetheart	Pure white	9-12 in.	May-Oct.	⊙⊙	2LMW	12	Edges; rockery	.80	2.25	8.40
Spectabilis (Bleeding-Heart)	Pink	2-2½ ft.	May-June	⊙⊙	2LM	24	Border specimen	.90	2.55	9.50
DICTAMNUS (Gas Plant)										
Fraxinella, Rose or White	Specify which	2 ft.	May-June	⊙	4; 5	12	Borderspecimen	.65	1.80	6.50
DIGITALIS (Foxglove)										
Ambigua	Lemon yellow	2-3 ft.	June-July	⊙⊙	2W	10	Masses; woods	.55	1.50	5.50
DODECATHEON (Am. Cowslip)										
Meadia (Shooting Star)	White	8-10 in.	May-June	⊙●	3A	6	Rockery; woods	.55	1.50	5.50
DORONICUM (Leopardbane)										
Mme. Mason	Yellow	1½ ft.	April-May	⊙⊙	2; 4	12	Border; cutting	.60	1.65	6.00
ECHINOPS (Globe Thistle)										
Taplow Blue	Steel blue	3 ft.	July-Aug.	⊙	2; 4D	12	Masses; shrubs	.65	1.80	6.50
EPIGEA										
Repens (Trailing Arbutus)	Pale pink	4 in.	April-May	⊙●	3HW	15	Rockery; woods	.60	1.65	6.00
EPIMEDIUM (Barrenwort)										
Alpinum rubrum	Red and white	9-12 in.	May-June	⊙⊙●	2 or 4H	6	Carpet; woods	.60	1.65	6.00
Macranthum niveum	White	9-12 in.	May-June	⊙⊙●	2 or 4H	6	Edges; rockery	.60	1.65	6.00
FUNKIA . Hosta (Plantain Lily)										
Glaucia (Blue-green foliage)	Pale lilac	2-3 ft.	June-July	⊙●●	4M	10	Border; masses	.65	1.80	6.50
Subcordata grandiflora	White	2 ft.	August	⊙⊙●	4M	10	Border; carpet	.65	1.80	6.50
Undulata variegata	Blue	2 ft.	July	⊙⊙●	4M	10	Edging; carpet	.55	1.50	5.50
GAILLARDIA (Blanket Flower)										
Burgundia	Coppery scarlet	2-2½ ft.	June-Oct.	⊙	2D	12	Border; cutting	.60	1.65	6.00
Goblin	Yellow & red	15 in.	June-Oct.	⊙	2D	12	Border; cutting	.60	1.65	6.00
Portola Hybrids	Red & yellow	2½ ft.	June-Oct.	⊙	2D	12	Border; cutting	.60	1.65	6.00
GAULTHERIA (Wintergreen)										
Procumbens	Pink & white	3-6 in.	July	⊙●	3HW	6	Carpet; rockery	.55	1.50	5.50
GERANIUM (Cranesbill)										
Grandiflorum	Sapphire blue	1-1½ ft.	May-June	⊙⊙	2; 4	12	Rockery; edges	.85	2.40	9.00
Lancastriense (sanguineum)	Pale pink	6 in.	June-Aug.	⊙⊙	4	10	Edges; rockery	.85	2.40	9.00



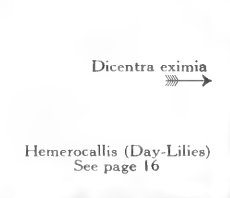
Dictamnus fraxinella



Doronicum, Mme. Mason



Delphinium, Pacific Giant Hybrid



Dicentra eximia



Hemerocallis (Day-Lilies)
See page 16

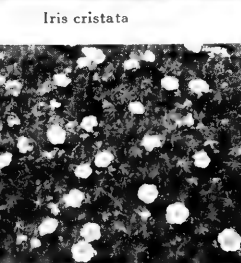




Iberis, Snowflake



Gaillardia, Goblin
See page 15



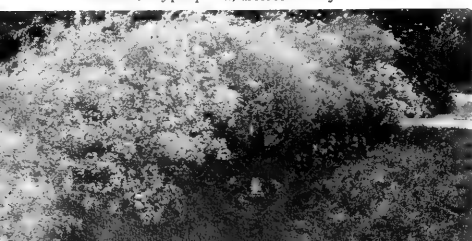
Iris cristata

Geranium Lancastriense
See page 15



Helleborus
niger
(Christmas
Rose)

Below. Gypsophila, Bristol Fairy



In column	Sun Needed	○ means full sun, ⊙ half shade-half sun, ● full shade	Color	Height	Time of Bloom	Sun Needed	Type soil Preferred	Inches Apart	Uses	Each	3 for	Doz.
GEUM (Avens)												
Borissii			Blue-orange	10 in.	May-Oct.	○	2or4HM	10	Border; rockery	\$0.55	\$1.50	\$5.50
Princess Juliana			Orange-yellow	2 ft.	May-Oct.	○	2or4HM	12	Border; rockery	.55	1.50	5.50
Wilton Ruby			Ruby-orange	1½ ft.	June-Sept.	○	2or4HM	12	Border; rockery	.55	1.50	5.50
GYPSOPHILA (Baby's Breath)												
Bristol Fairy			Double; white	2-3 ft.	June-Sept.	○	2; 4KD	36	Cutting; masses	.85	2.40	9.00
Rosy Veil			Double; pink	1½ ft.	May-Sept.	○	2; 4KD	18	Cutting; masses	.65	1.80	6.50
HELENIUM (Helen's Flower)												
Moerheim Beauty			Brown-red	2-3 ft.	June-Oct.	○	2D; 4D	15	Border; cutting	.55	1.50	5.50
HELIANTHUS (Sunflower)												
Multiflora Double			Golden yellow	4 ft.	July-Sept.	○	2D	18	Shrubs; cutting	.60	1.65	6.00
HELLEBORUS												
Niger (Christmas Rose)			White	8 in.	Dec.-Feb.	⊙ ●	2HKW	12	Border; woods	1.50	4.20	15.50
HEMEROCALLIS (Day-Lily)												
Autumn Red			Large red	2½-3 ft.	Aug.-Sept.	⊙ ⊙	2; 4; 5	15	Border; cutting	.75	2.10	7.80
Flava			Clear yellow	2½-3 ft.	May-June	⊙ ⊙	2; 4; 5	15	Border; cutting	.55	1.50	5.50
Hyperion			Citron-yellow	3½ ft.	July-Aug.	⊙ ⊙	2; 4; 5	18	Border; cutting	.75	2.10	7.80
Mikado			Deep orange	2½ ft.	June-July	⊙ ⊙	2; 4; 5	15	Border; cutting	.55	1.50	5.50
Morocco Beauty			Maroon-chestnut	2 ft.	June-July	⊙ ⊙	2; 4; 5	15	Border; cutting	.75	2.10	7.80
Nigrette			Mahogany-purple	2 ft.	June-July	⊙ ⊙	2; 4; 5	15	Border; cutting	.75	2.10	7.80
Peachblow			Salmon tones	2½-3 ft.	July	⊙ ⊙	2; 4; 5	15	Border; cutting	.75	2.10	7.80
Tasmania			Pink-tan	2½-3 ft.	June	⊙ ⊙	2; 4; 5	15	Border; cutting	.75	2.10	7.80
HEPATICA (Liverleaf)												
Triloba			Pink-mauve	4-6 in.	April-May	⊙ ●	2HLM	10	Rockery; woods	.55	1.50	5.50
HEUCHERA (Coral Bells)												
Perry's White			Pure white	1-1½ ft.	May-Oct.	⊙ ⊙	2SM	12	Border; rockery	.55	1.50	5.50
Pluie de Feu (Rain of Fire)			Coral-red	1-1½ ft.	May-Oct.	⊙ ⊙	2SM	12	Border; rockery	.65	1.80	6.50
Rosamundi			Coral-pink	1-1½ ft.	May-Oct.	⊙ ⊙	2SM	12	Border; rockery	.55	1.50	5.50
HIBISCUS (Mallow)												
Red, Pink and White (Red eye)			Specify color	4-5 ft.	Aug.-Sept.	⊙ ⊙	2; 3W	18	Border; masses	.65	1.80	6.50
IBERIS (Candytuft)												
Snowflake			Pure white	10 in.	May-June	⊙ ⊙	2; 4; 5	12	Edges; rockery	.60	1.65	6.00
INCARVILLEA (Trumpet Flower)												
Delavayi			Rose-pink	1½ ft.	June-July	○	2SM	12	Border; cutting	.75	2.10	7.80
IVY												
English \$16 per 100	(Minimum order, 25 plants in flat of soil for \$4)					Also	larger plants in	4-inch pots		.60	1.65	6.00
IRIS, Miniature												
Atrorivalea			Wine-red	6 in.	April	⊙ ⊙	2; 3; 4	6	Edges; rockery	.50	1.35	4.75
Betsy Presby			Bright yellow	6 in.	April	⊙ ⊙	2; 3; 4	6	Border; edges	.50	1.35	4.75
Coerulea			Pale blue	6 in.	April	⊙ ⊙	2; 3; 4	6	Rockery; border	.50	1.35	4.75
Huron			Purple and black	6 in.	April	⊙ ⊙	2; 3; 4	6	Rockery; border	.50	1.35	4.75
The Bride			Pure white	6 in.	April	⊙ ⊙	2; 3; 4	6	Border; edges	.50	1.35	4.75
Cristata (Species)			Amethyst-blue	4 in.	May	⊙ ●	3HW	6	Ground cover	.55	1.50	5.50
IRIS, Tall Bearded												
Buffawn			Fawn; tangerine	2½-3 ft.	May-June	⊙ ⊙	2, 4HS	12	Border; cutting	.75	2.10	7.80
Crimson Tide			Large deep red	2½-3 ft.	May-June	⊙ ⊙	2, 4HS	12	Border; masses	.75	2.10	7.80
Elsa Sass			Sulphur yellow	2½-3 ft.	May-June	⊙ ⊙	2, 4HS	12	Border; cutting	.75	2.10	7.80
Flora Zenor			Flamingo pink	2½-3 ft.	May-June	⊙ ⊙	2, 4HS	12	Border; masses	.75	2.10	7.80
Grand Canyon			Plum & copper	3-3½ ft.	May-June	⊙ ⊙	2, 4HS	12	Border; cutting	.75	2.10	7.80
Gudrun			Pure snow-white	2½-3 ft.	May-June	⊙ ⊙	2, 4HS	12	Border; masses	.75	2.10	7.80
Lake Huron			Medium blue self	2½-3 ft.	May-June	⊙ ⊙	2, 4HS	12	Border; cutting	.75	2.10	7.80
Ola Kala			Dark yellow self	2½-3 ft.	May-June	⊙ ⊙	2, 4HS	12	Border; masses	.75	2.10	7.80
Sable			Black; blue	2½-3 ft.	May-June	⊙ ⊙	2, 4HS	12	Border; cutting	.75	2.10	7.80
IRIS, Kaempferi (Japanese)												
Albatross			White; double	2½-3 ft.	June-July	○	2AMW	12	Border; masses	.75	2.10	7.80
Blue River			Blue; double	2½-3 ft.	June-July	○	2AMW	12	Cutting; pools	.75	2.10	7.80
Gold Bound			White & gold	2½-3 ft.	June-July	○	2AMW	12	Backgrounds	.75	2.10	7.80
Koko-no-iro			Violet; double	2½-3 ft.	June-July	○	2AMW	12	Border; masses	.75	2.10	7.80
Lucia Marshall			Big sky blue	2½-3 ft.	June-July	○	2AMW	12	Cutting; pools	.75	2.10	7.80
Nishiki-yama			Mauve pink; dbl	2½-3 ft.	June-July	○	2AMW	12	Backgrounds	.75	2.10	7.80
Red Riding Hood			Red-violet; sgl.	2½-3 ft.	June-July	○	2AMW	12	Border; masses	.75	2.10	7.80
Ruby Giant			Ruby red; double	2½-3 ft.	June-July	○	2AMW	12	Cutting; pools	.75	2.10	7.80

In column Sun Needed ○ means full sun, ⊙ half shade-half sun, ● full shade	Color	Height	Time of Bloom	Sun Needed	Type soil Preferred	Inches Apart	Uses	Each	3 for	Doz.
LAMIUM (Dead Nettle) Alba	White	6-8 in.	May-July	○	3	12	Border; rockery	\$0.60	\$1.65	\$6.00
LAVANDULA (True Lavender) Vera	Lavender-blue	1 ft.	July-Aug.	○	2S	12	Herb garden	.55	1.50	5.50
LIATRIS (Gayfeather) Pycnostachya	Lavender-purple	4 ft.	Aug.-Sept.	○⊙	2D; 4D	18	Cutting; masses	.55	1.50	5.50
Scar.osa, White Spire	Pure white	5 ft.	Aug.-Sept.	○⊙	2D; 4D	18	Cutting; masses	.55	1.50	5.50
Spicata	Lavender-purple	2½ ft.	Sept.-Oct.	○⊙●	2W; 4W	12	Border; cutting	.55	1.50	5.50
LINUM (Flax) Perenne, Blue	Pale azure-blue	15-18 in.	May-Sept.	○⊙	2 SD	8	Masses; rockery	.55	1.50	5.50
LOBELIA Cardinalis (Cardinal Flower)	Fiery cardinal	2-2½ ft.	July-Aug.	⊙●	4HSW	15	Border; woods	.55	1.50	5.50
LUPINUS (Lupine) Russell	Various	2½-3 ft.	June-July	○	2; 4S	10	Border; cutting	.60	1.65	6.00
LYCHNIS (Campion) Haageana Hybrids Orange, Viscaria, Double	scarlet, pink Rose-crimson	12 in. 14 in.	May-June June	○	2; 4 2; 4	12 12	Border; masses Border; rockery	.55 .55	1.50 1.50	5.50 5.50
LYSIMACHIA (Loosestrife) Clethroides	White spikes	2-3 ft.	July-Sept.	○⊙	2; 4W	15	Cutting; pools	.75	2.10	7.80
LYTHRUM (Pink Loosestrife) Superbum, Morden's Pink	Deep pink	3-4 ft.	June-Sept.	○⊙	2; 4W	24	Border; pool	.60	1.65	6.00
MERTENSIA (Bluebell) Virginica (Virginia Cowslip)	Blue to pink	1 ft.	April-May	⊙●	2HM	12	Woodland	.55	1.50	5.50
MONARDA (Bee-balm; Bergamot) Didyma, Cambridge Scarlet Didyma, Salmon Queen Didyma, Sunset Didyma, White	Crimson-scarlet Salmon-pink Deep wine-red Pure white	2½-3 ft. 2½-3 ft. 2½-3 ft. 2½-3 ft.	June-Aug. June-Aug. June-Aug. June-Aug.	○⊙ ○⊙ ○⊙ ○⊙	2; 4W 2; 4W 2; 4W 2; 4W	18 18 18 18	Border; masses Naturalizing Cutting; pools Wild garden	.50 .50 .55 .55	1.35 1.35 1.50 1.50	4.75 4.75 5.50 5.50
MYOSOTIS (Forget-me-not) Palustris semperflorens	Pale blue	10 in.	May-June	⊙	2; 4HW	6	Edges; woods	.55	1.50	5.50
NEPETA (Catmint) Mussini	Blue-lavender	12-15 in.	June-Aug.	○	1; 2; 4	15	Edges; rockery	.50	1.35	4.75
NIEREMBERGIA (Cup Flower) Rivularis	Creamy white	4-5 in.	June-Sept.	○⊙	3W	10	Carpet; rockery	.55	1.50	5.50
GENOTHERA (Evening Primrose) Youngi	Lemon-yellow	2 ft.	June-Aug.	○⊙	2D; 4D	12	Masses; cutting	.55	1.50	5.50
PACHYSANDRA (Japan Spurge) Terminalis Flat of 50 for \$7.50	Glossy green	6-8 in.	All year	○⊙●	2; 4	12	Carpets; slopes	See at left		2.15
PEPPERMINT (Mentha piperita)	Green leaves	2-3 ft.		○⊙	2W; 4W	12	Flavoring	.50	1.35	4.75
PHLOX subulata (Moss Pink) Carmine-red, Blue, Rose & White	Specify color	6 in.	April-May	○	2SGD	15	Carpet; rockery	.50	1.35	4.75
PHLOX, VARIOUS Divaricata canadensis Nivalis, Camla	Lavender-blue Pure pink	10 in. 8 in.	April-May May-June	○⊙● ○	4 4	12 12	Carpet; rockery Edging; rockery	.55 .60	1.50 1.65	5.50 6.00
PHLOX decussata (Hardy Summer Phlox) B. Comte Charles Curtis Columbia Daily Sketch Jules Sandeau Leo Schlageter Progress Sir John Falstaff World Peace Miss Lingard	Rich red-purple Brilliant sunset red Cameo-pink, faint blue eye Salmon-pink, crimson eye Bright watermelon-pink Vivid scarlet, orange sheen Clear lavender-blue Huge rich salmon-pink Pure snow-white Pure white (Sulfruticosa)	2-2½ ft. 2-2½ ft. 2-2½ ft. 2½-3 ft. 2-2½ ft. 3 ft. 2½-3 ft. 2-2½ ft. 2½-3 ft. 2½-3 ft.	July-Sept. July-Sept. July-Sept. July-Sept. July-Sept. July-Sept. July-Sept. July-Sept. July-Sept. June-Sept.	○⊙ ○⊙ ○⊙ ○⊙ ○⊙ ○⊙ ○⊙ ○⊙ ○⊙ ○⊙	4 4 4 4 4 4 4 4 4 4	10 10 10 10 10 10 10 10 10 10	Border; cutting Border; cutting Border; cutting Border; cutting Border; cutting Border; cutting Border; cutting Border; cutting Border; cutting Border; cutting	.55 .55 .55 .55 .55 .55 .55 .55 .55 .55	1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50	5.50 5.50 5.50 5.50 5.50 5.50 5.50 5.50 5.50 5.50



Linum perenne

Mertensia virginica



Nierembergia rivularis

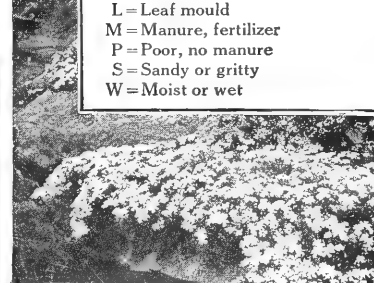
Liatris scariosa



Explanation of Column Type Soil Preferred

- 1=Poor sandy or clay soil
- 2=Deep (10 in.) light loam
- 3=Sandy loam + leaf mould
- 4=Deep (10 in.) medium loam
- 5=Heavy loam or clay loam

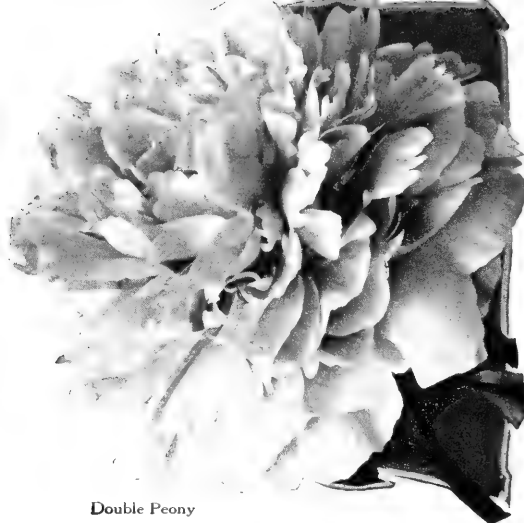
- A=Acid or sour
- C=Crushed limestone
- D=Dry or ordinary
- G=Gravel or rubble
- H=Humus or peat
- K=Lime or alkaline
- L=Leaf mould
- M=Manure, fertilizer
- P=Poor, no manure
- S=Sandy or gritty
- W=Moist or wet



Phlox divaricata canadensis

Phlox subulata





Double Peony

To help you know
Perennials read the
Book of Perennials by
A. C. Hottes, \$2.75.



Poppy, Oriental



Physostegia virginica

Platycodon Mariesi

In Column Sun Needed O means full sun, ⊙ half shade-half sun, ● full shade	Color	Height	Time of Bloom	Sun Needed	Type soil Preferred	Inches Apart	Uses	Each	3 for	Doz.
PENTSTEMON (Beard Tongue)										
Garnet	Garnet-red	15-18 in.	June-Oct.	O	2; 4	9	Rockery; cutting	\$0.55	\$1.50	\$5.50
Grandiflorus	Lavender-blue	15-18 in.	June-Oct.	O	2; 4	9	Border; cutting	.55	1.50	5.50
Pink Beauty	Coral-pink	15-18 in.	June-Oct.	O	2; 4	9	Masses; cutting	.55	1.50	5.50
PEONY, DOUBLE										
Auguste Dessert (8.7)	Rose-red	2-2½ ft.	June	⊙⊙	4M	36	Masses; border	1.75	4.95	18.60
Festiva Maxima (9.3)	Early white	2-2½ ft.	June	⊙⊙	4M	36	Border; cutting	1.55	4.35	16.20
Frances Willard (9.1)	Blush white	2-2½ ft.	June	⊙⊙	4M	36	Hedge; specimen	1.55	4.35	16.20
Karl Rosenfeld (8.8)	Bright crimson	2-2½ ft.	June	⊙⊙	4M	36	Masses; border	1.55	4.35	16.20
Katherine Havemeyer (9.0)	Soft flesh pink	2-2½ ft.	June	⊙⊙	4M	36	Border; cutting	1.55	4.35	16.20
Longfellow (9.0)	Cherry red	2-2½ ft.	June	⊙⊙	4M	36	Hedge; specimen	1.75	4.95	18.60
Mary Brand (8.7)	Dark crimson-red	2-2½ ft.	June	⊙⊙	4M	36	Masses; border	1.75	4.95	18.60
Mons. Martin Cahuzac (8.8)	Purple-garnet	2-2½ ft.	June	⊙⊙	4M	36	Border; cutting	2.25	6.45	24.60
Primevere (8.6)	Sulphur-yellow	2-2½ ft.	June	⊙⊙	4M	36	Masses; border	1.75	4.95	18.60
Sarah Bernhard (9.0)	Deep rose-pink	2 ft.	June	⊙⊙	4M	36	Hedge; specimen	1.55	4.35	16.20
Solange (9.7)	White; gold cent.	2-2½ ft.	June	⊙⊙	4M	36	Border; cutting	1.55	4.35	16.20
Walter Faxon (9.3)	Salmon-rose	2-2½ ft.	June	⊙⊙	4M	36	Masses; border	1.75	4.95	18.60
PEONY, SPECIES DOUBLE										
Officinalis alba plena	Double white	2-2½ ft.	May	⊙⊙	4M	36	Very fragrant	2.25	6.45	24.60
Officinalis rosea plena	Double pink	2-2½ ft.	May	⊙⊙	4M	36	Very fragrant	2.25	6.45	24.60
Officinalis rubra plena	Double red	2-2½ ft.	May	⊙⊙	4M	36	Very fragrant	2.25	6.45	24.60
PHYSOSTEGIA (False Dragonhead)										
Virginia, Vivid	Mauve-pink	1½ ft.	Aug.-Sept.	⊙⊙	2; 4	12	Border; cutting	.50	1.35	4.75
Summer Snow	White	3 ft.	Aug.-Sept.	⊙⊙	2; 4	12	Border; cutting	.50	1.35	4.75
PLATYCODON (Balloon Flower)										
Double Blue	Violet-blue	1½ ft.	July-Oct.	⊙⊙	2S; 4S	15	Border; rockery	.75	2.10	7.80
Double White	Pure white	1½ ft.	July-Oct.	⊙⊙	2S; 4S	15	Border; rockery	.75	2.10	7.80
Grandiflora, Shell-Pink	Pale pink	1½ ft.	July-Oct.	⊙⊙	2S; 4S	15	Border; rockery	.55	1.50	5.50
Mariesi, Blue	Violet-blue	2 ft.	July-Oct.	⊙⊙	2S; 4S	15	Border; rockery	.55	1.50	5.50
Mariesi, White	Pure white	2 ft.	July-Oct.	⊙⊙	2S; 4S	15	Border; rockery	.55	1.50	5.50
PLUMBAGO (Leadwort)										
Larpentæ	Cobalt-blue	10-12 in.	July-Oct.	⊙⊙	1; 2; 4	18	Edges; rockery	.55	1.50	5.50
POLEMONIUM (Jacob's Ladder)										
Blue Pearl	Baby blue	1 ft.	April-May	⊙⊙	4	12	Border; rockery	.55	1.50	5.50
Reptans	Porcelain-blue	6-8 in.	April-May	⊙●	4	12	Rockery; woods	.55	1.50	5.50
POLYANTHUS (Bunch Primrose)										
Supreme, Mixed	Various; huge	12 in.	April-May	⊙●	4SHMW	8	Edges; rockery	.55	1.50	5.50
Veris Duplex (Hose-in-hose)	Yellow	9-12 in.	April-May	⊙●	4SHMW	8	Edges; rockery	.55	1.50	5.50
POLYGONUM (Dwarf Lace Plant)										
Reynoutria \$40.00 per 100	Pink Sprays	4-6 in.	Sept.-Oct.	O	Any	12	Ground-cover	.60	1.65	6.00
POPPY, Oriental										
Barr's White	Satin white	3 ft.	May-June	O	4D	15	Border accent	.80	2.25	8.40
Betty Ann	La France pink	3 ft.	May-June	O	4D	15	Border accent	.80	2.25	8.40
Big Jim	Deep maroon	3 ft.	May-June	O	4D	15	Masses; cutting	.80	2.25	8.40
Cerise Beauty	Cerise-rose	3 ft.	May-June	O	4D	15	Border accent	.80	2.25	8.40
Flashy Glow	Golden yellow	3 ft.	May-June	O	4D	15	Border accent	.80	2.25	8.40
Gold of Ophir	Golden orange	25 in.	May-June	O	4D	15	Border accent	.80	2.25	8.40
Henry Cayeaux, Improved. Old	rose, burgundy	3 ft.	May-June	O	4D	15	Border accent	.80	2.25	8.40
Hercules	True scarlet	3½ ft.	May-June	O	4D	15	Masses; cutting	.80	2.25	8.40
Joyce	Soft red	3 ft.	May-June	O	4D	15	Border accent	.80	2.25	8.40
Wurtembergia	Cerise-scarlet	3 ft.	May-June	O	4D	15	Border accent	.80	2.25	8.40
PULMONARIA (Lungwort)										
Angustifolia azurea	Sky-blue	1 ft.	April-May	⊙	2W	10	Carpet; woods	.55	1.50	5.50
Saccharata, Mrs. Moon	Salmon & blue	12-14 in.	April-May	⊙⊙	2W; 4W	10	Carpet; woods	.55	1.50	5.50
PRIMULA (Primrose) Also see Polyanthus										
Auricula alpina	Various	6-8 in.	April-May	⊙⊙	4SHMW	12	Rockery; woods	.60	1.65	6.00
Japonica	Various	1½ ft.	June-July	⊙	4SHMW	12	Border; rockery	.60	1.65	6.00
Vulgaris (English Primrose)	Pale yellow	6-8 in.	April-May	⊙	4SHMW	12	Rockery; woods	.60	1.65	6.00

In column Sun Needed ○ means full sun, ⊙ half shade-half sun, ● full shade	Color	Height	Time of Bloom	Sun Needed	Type soil Preferred	Inches Apart	Uses	Each	3 for	Doz.
PYRETHRUM (Painted Daisy)										
Hybrids, Single Mixed	All colors	2-2½ ft.	May-June	○	2; 4M	12	Border; cutting	\$.55	\$1.50	\$5.50
Hybrids, Double and Single Mix	ed All colors	2-2½ ft.	May-June	○	2; 4M	12	Border; cutting	.55	1.50	5.50
James Kelway. Single.	Dark blood-red	2-2½ ft.	May-June	○	2; 4M	12	Border; cutting	.55	1.50	5.50
ROSA (Alpine Rose)										
Oakington Ruby (Miniature)	Rose-red	8-10 in.	June-Oct.	⊙	4	12	Edges; rockery	.90	2.55	9.50
Rouletti (Miniature)	Rose-pink	6-8 in.	June-Oct.	⊙	4	12	Edges; rockery	.90	2.55	9.50
RUDBECKIA (Coneflower)										
Purpurea	Red-purple	3-4 ft.	July-Oct.	⊙	1,2,or4D	15	Border; cutting	.55	1.50	5.50
White Lustre	Pure white stars	3 ft.	July-Sept.	⊙	1,2,or4D	15	Border; cutting	.65	1.80	6.50
SAGE (Garden Sage)	Purple	1½ ft.	Aug.	○	2; 4	12	Herb garden	.55	1.50	5.50
SALVIA (Sage)										
Pitcheri	Gentian-blue	3-4 ft.	Aug.-Sept.	○	2; 4	18	Border; masses	.55	1.50	5.50
Virgata nemorosa	Blue shades	4 ft.	July-Aug.	○	2; 4	18	Border; masses	.55	1.50	5.50
SANTOLINA (Lavender Cotton)										
Incana (Silver gray foliage)	Yellow buttons	1-1½ ft.	July	○	2or4DP	12	Herb garden	.60	1.65	6.00
Viridis (Green foliage)	Yellow buttons	1-1½ ft.	June	○	2or4DP	12	Edges; rockery	.60	1.65	6.00
SAPONARIA (Soapwort)										
Ocymoides splendens	Rosy pink	6 in.	May-July	○	2; 4	10	Edges; rockery	.50	1.35	4.75
SAXIFRAGA (Rockfoil)										
Megasea Smidi	Rose-pink	8-10 in.	April-May	⊙	4C	10	Edges; rockery	.55	1.50	5.50
SCABIOSA (Pincushion Flower)										
CAUcasica, Isaac House Hybrids	Blue shades	1½-2 ft.	June-Sept.	○	2; 4	10	Border; cutting	.55	1.50	5.50
SEDUM (Stonecrop)										
Acre	Bright yellow	3 in.	May-June	○	2G; 4G	12	Carpet; rockery	.50	1.35	4.75
Album muralis	Tiny white	3-4 in.	May-June	○	2G; 4G	8	Edges; rockery	.50	1.35	4.75
Glaucum	Pinkish white	2 in.	June-July	○	2G; 4G	12	Edges; rockery	.50	1.35	4.75
Gracile	White	3 in.	June-July	○	2G; 4G	12	Carpet; rockery	.50	1.35	4.75
Kramschaticum	Orange-yellow	6-8 in.	June-July	⊙	2G; 4G	8	Walls; rockery	.50	1.35	4.75
Niceense	Cream yellow	6 in.	June-July	○	2G; 4G	12	Edges; rockery	.50	1.35	4.75
Sarmentosum	Bright yellow	4 in.	June-Aug.	○	2G; 4G	12	Walls; rockery	.55	1.50	5.50
Sieboldi	Pink; small	6 in.	Aug.-Sept.	○	2G; 4G	8	Walls; rockery	.60	1.65	6.00
Spectabile, Brilliant	Rose-crimson	1½-2 ft.	Aug.-Sept.	⊙	2G; 4GD	15	Borders	.55	1.50	5.50
Spurium, Dragon's Blood	Carmine-red	6 in.	July-Sept.	○	2G; 4GD	12	Walls; rockery	.50	1.35	4.75
Stoloniferum	Pink	6 in.	July-Aug.	○	2G; 4G	12	Carpet; edges	.50	1.35	4.75
SEMPERVIVUM (Houseleek)										
Arachnoideum	Cobweb rosette	2 in.		○	2SKD	8	Walls; rockery	.50	1.35	4.75
Atrorubrum	Rosette, red tip	3 in.		○	2SKD	6	Walls; rockery	.55	1.50	5.50
Lagerei	Cobweb rosette	2 in.		○	2SKD	6	Walls; rockery	.55	1.50	5.50
Tectorum	Light red	3 in.		○	2SKD	6	Walls; rockery	.50	1.35	4.75
SHORTIA										
Galacifolia (Oconee Bells)	White	6 in.	April-May	⊙	3AHW	12	Carpet; rockery	.60	1.65	6.00
SPIRÆA (Meadowsweet)										
Filipendula Double (Dropwort)	Cream-white	1½ ft.	June-July	⊙	2; 4	12	Border; cutting	.60	1.65	6.00
STACHYS (Wooly Betony)										
Lanata (White leaf tufts)	Lavender-pink	1-1½ ft.	June-July	○	2; 4	8	Edges; rockery	.55	1.50	5.50
STATICE (Sea Lavender)										
Latifolia	Purple-blue	1½-2 ft.	July-Aug.	○	3	24	Border; cutting	.50	1.35	4.75
STOKESIA (Cornflower Aster)										
Cyanea, Blue	Lavender-blue	1-1½ ft.	July-Sept.	○	2S; 4S	12	Border; cutting	.55	1.50	5.50
TARRAGON										
True French	Green leaves	2 ft.		⊙	1; 2	12	Herb garden	.55	1.50	5.50
TEUCRIUM (Poor Man's Box)										
Chamaedrys (Shiny leaves)	Deep heliotrope	1-2 ft.	July-Aug.	○	2	8	Hedge; rockery	.60	1.65	6.00
THALICTRUM (Meadow-Rue)										
Aquilegifolium	Rosy purple	2-3 ft.	June-July	⊙	2HM	12	Border; cutting	.55	1.50	5.50
Glaucum (Blue-gray leaves)	Chinese yellow	3-4 ft.	July	⊙	2; 4HS	12	Specimen; woods	.65	1.80	6.50
THERMOPSIS (Carolina Lupine)										
Caroliniana	Yellow	2 ft.	June-July	⊙	2; 4	12	Border; woods	.55	1.50	5.50



Sedum spectabile



Primula vulgaris. See page 18



Stokesia cyanea

Explanation of Column Type Soil Preferred

- 1 = Poor sandy or clay soil
 2 = Deep (10 in.) light loam
 3 = Sandy loam + leaf mould
 4 = Deep (10 in.) med. loam
 5 = Heavy loam or clay loam

- A = Acid or sour
 C = Crushed limestone
 D = Dry or ordinary
 G = Gravel or rubble
 H = Humus or peat
 K = Lime or alkaline
 L = Leaf mould
 M = Manure, fertilizer
 P = Poor, no manure
 S = Sandy or gritty
 W = Moist or wet

Rosa Rouletti





Trollius, *Europæus*
Yucca filamentosa



Statice latifolia
See page 19



Veronica longifolia subsessilis



Thymus Serpyllum
Tiarella cordifolia

In column	Sun Needed	Color	Height	Time of Bloom	Sun Needed	Type soil Preferred	Inches Apart	Uses	Each	3 for	Doz.
	○ means full sun, ⊙ half shade-half sun, ● full shade										
THYMUS (Thyme)											
Lanuginosus (Woolly-leaved)	○	Rosy lilac	4 in.	June-Aug.	○	2SD;3D	6	Carpet; rockery	\$0.55	\$1.50	\$5.50
Serpyllum argenteus (Silver T.)	○	Streaked silver	3 in.	June-Aug.	○	2SD;3D	8	In flag stones	.55	1.50	5.50
Serpyllum aureus (Golden T.)	○	Golden leaves	3 in.	June-Aug.	○	2SD;3D	8	Walls; steps	.55	1.50	5.50
Serpyllum citriodorus (Lemon T.)	○	Lemon fragrance	3 in.	June-Aug.	○	2SD;3D	8	Edges; rockery	.55	1.50	5.50
Serpyllum coccineum	○	Purple-red	3 in.	June-Aug.	○	2SD;3D	8	Carpet; rockery	.55	1.50	5.50
Serpyllum, White	○	White carpet	3 in.	June-Aug.	○	2SD;3D	8	Edges; rockery	.55	1.50	5.50
Vulgaris (Common Thyme)	○	Lilac-purple	8 in.	May-June	○	2SD;3D	8	Edges; herb	.55	1.50	5.50
TIARELLA											
Cordifolia (Foam-Flower)	●	Cream-white	1 ft.	May	●	2HW	12	Woods; masses	.55	1.50	5.50
TRILLIUM (Wake Robin)											
Erectum	●	Red-purple	12 in.	April-May	●	3AHMW	12	Rockery; woods	.55	1.50	5.50
Grandiflorum	●	White to pink	12-15 in.	April-May	●	3AHMW	12	Rockery; woods	.55	1.50	5.50
TRITOMA (Red-Hot Poker)											
Pfitzer's Hybrids	○	Red, orange	3 ft.	Aug.-Oct.	○	2SD	12	Border; cutting	.50	1.35	4.75
TROLLIUS (Globe-Flower)											
Europæus, Yellow	○	Light yellow	2 ft.	May-Aug.	○	5SHMW	10	Pool margins	.60	1.65	6.00
Europæus, Orange Globe	○	Orange-yellow	2 ft.	May-Aug.	○	5SHMW	10	Damp woods	.60	1.65	6.00
TUNICA (Coat-Flower)											
Saxifraga, Double Rose	○	Deep rose-pink	6 in.	June-Nov.	○	2SGD	8	Rockery; edges	.60	1.65	6.00
VALERIANA											
Alba	○	White	2 ft.	June-Oct.	○	2KD	12	Borders; walls	.55	1.50	5.50
Coccinea	○	Rose	2 ft.	June-Oct.	○	2KD	12	Borders; walls	.55	1.50	5.50
VERONICA (Speedwell)											
Amethystina, Royal Blue	○	Dk. gentian blue	10-15 in.	June-July	○	4	12	Border; rockery	.60	1.65	6.00
Icicle	○	Pure white	15 in.	July-Sept.	○	4	10	Cutting; border	.75	2.10	7.80
Incana (candida)	○	Porcelain-blue	12 in.	June-Aug.	○	2; 4	10	Rockery; edges	.55	1.50	5.50
Incana rosea	○	Pink	12 in.	June-Aug.	○	2; 4	10	Border; masses	.55	1.50	5.50
Longifolia subsessilis	○	Purple-blue	2 ft.	July-Sept.	○	4	18	Border; cutting	.60	1.65	6.00
Rupestris	○	Bright blue	3-4 in.	June	○	25	8	Carpet; rockery	.55	1.50	5.50
Spicata, Blue Spires	○	Deep blue	2 ft.	June-July	○	4	10	Border; cutting	.60	1.65	6.00
VINCA (Myrtle; Periwinkle)											
Minor, Bowles	●	Bright blue	6 in.	May-June	●	2; 4	10	Carpet; graves	Soil flat of 25 for \$5		3.00
VIOLET											
Royal Robe	●	Single, violet	6 in.	Apr.-May	●	3HW	8	Woods; rockery	.55	1.50	5.50
VITEX (Chaste Tree)											
Macrophylla. Ht. 18-24 in.	○	Lavender-blue	5 ft.	July-Oct.	○	Any	48	Border specimen	1.50	4.20	15.50
YUCCA (Adams's Needle)											
Filamentosa	○	Creamy white	5 ft.	July-Aug.	○	1;2;4D	36	Border accent	.60	1.65	6.00

WE PLAN YOUR PERENNIAL BORDERS

To plan a perennial flower border is perplexing because of the variables involved; viz., blooming season, foliage, height, spacing, and color. We plan perennial borders for fifteen cents per square foot of border, in addition to the plant cost. Bring in a rough sketch showing dimensions, grade, background, sun-shade exposure, color and season preference. We will do the rest.

We cannot plan rock gardens but can select suitable plants to give color and foliage contrast over the season if you will tell us how many plant soil pockets you wish to fill.



FORBES GLADIOLUS BULBS

For charm and color, few other flowers compare with Gladiolus. They can be grown with very little effort as they thrive in ordinary garden soil. The tall green stems, fairly bursting with brilliant color, provide a luxuriance of rainbow beauty. For cut-flowers, Gladiolus are unexcelled. Mass them together in solid beds, plant them in borders, and among shrubbery. With successive planting from April through June, they will bloom from July until frost. Plant bulbs 4 inches deep and 4 inches apart, cultivate often and water freely. They revel in full sunshine. Thrips easily controlled with Lindane-Aramite or D.D.T. Soak bulbs before planting in a gallon of water containing 4 teaspoonfuls of Lindane-Aramite. Dust plants every 10 days with 10% D.D.T. dust.

THE CREAM OF THE CROP

Aureole. Large, well-placed florets of soft pale yellow with broad ruffled petals of heavy substance. The stems are tall and slender.

Black Opal. Superb, tall, show-size flower spikes of dark maroon-red with a black velvety sheen. It contrasts wonderfully with white.

Elizabeth the Queen. Beautiful, clear mauve, ruffled flowers with darker lines in the throat. The large spikes have excellent form.

Evangeline. Long spikes of large ruffled, light rose-pink florets with soft cream throats, often 8 to 10 open at one time.

Florence Nightingale. This top award winner has very large, pure white, slightly ruffled florets perfectly placed on tall stems.

Friendship. One of the earliest to bloom with 6 to 7 nicely ruffled medium pink florets open at one time on strong tall stems.

Gene. Intensely ruffled medium yellow with excellent placement of the large florets, 6 to 8 open at one time.

General Eisenhower. Huge, deep begonia-rose florets well placed on long strong spikes and enjoying much deserved popularity.

Any of the above 16 varieties, \$1.15 per doz.; \$7.45 per 100

TRY THESE BLUE-RIBBON WINNERS

Here's your opportunity to try these new grand champions.

Andrena. A beautiful blend of pastel rose with a pale yellow throat. The 4½ inch florets open well in water.

Benjamin Britten. This is a very unusual and attractive variety with pretty lavender florets striped with white.

Bonfire. A really vivid color—flaming fiery scarlet. It has 5 to 6 big florets open at one time on strong stems.

Patrol. An unusually nice clear apricot with a yellow throat. You'll find 10 or more big florets open on tall strong stems.

Red Wing. Rich vibrant red florets, 6 to 8 open at one time on a 20-bud spike. These are well placed on strong stems.

Any of the above 5 varieties, \$1.45 per doz.; \$10.50 per 100

Crystal Orchid. Huge ruffled, pointed petals of creamy white with a lavender feather. Wins many top awards at shows. A marvelous 1952 introduction. \$1.95 per doz.; \$14.95 per 100.

Forbes Rainbow Gladiolus Mixture

Made with bulbs of ten different shades of color

Plan now for a rainbow display of Gladiolus in this year's garden. These wonderful summer flowers, with their wide color range, will brighten your borders from July until frost. Easily grown and thrive in any garden soil. Forbes famous Rainbow Gladiolus Mixture is especially prepared from largest-sized bulbs of ten distinct named varieties of ten different shades of color. This is far superior to ordinary commercial bulb mixtures of unknown color balance. Each 50 bulbs consists of 5 bulbs of each shade.

80 cts. for 10; \$3.70 for 50; \$6.95 per 100; \$16.50 for 250
Full cultural directions enclosed in every package

TRY THESE DELIGHTFUL MINIATURE GLADS

A brand new garden thrill awaits you if you have never grown these charming Miniature Gladiolus. They have slender, dwarfier plants with much smaller and far more dainty flower-spikes. These light airy spikes of great beauty and charm have unlimited uses as cut-flowers for corsages, centerpieces, small vases and general decoration. The bulbs are much smaller than the regular Glad bulbs and should be planted about three inches deep in a sunny place in good garden soil. Try some—you'll be delighted.

Fairy. Delicate lavender florets, always 5 or 6 open at a time on a nice spike of 14 to 16 buds. A very pretty miniature.

Flicker. Medium orange, yellow-throated florets with bright scarlet blotches, 5 to 6 open at once on 15-bud sturdy spikes.

Hocus Pocus. A very early and quite spectacular, small, deep golden yellow variety with a pronounced mahogany-red blotch.

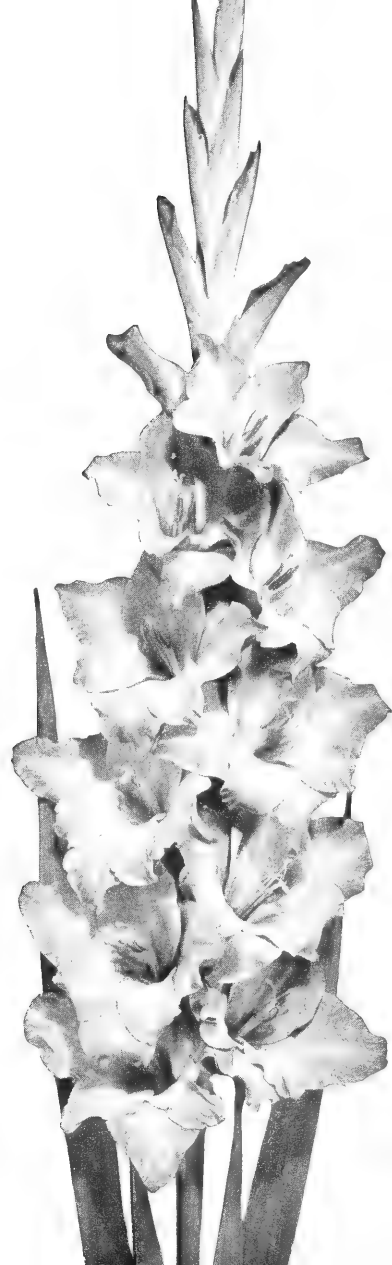
Kewpie. An outstanding favorite with tiny florets of light red with cream picotee edge. Opens 3 to 4 florets on straight spikes.

Loveliness. Charming, small shrimp pink florets, suffused with white, and with cream white throats. Very dainty and extremely attractive.

Snow Baby. This is a little beauty with wonderfully formed, pure white florets nicely placed on small wiry stems.

Any of above 6 Miniatures, \$1.35 per doz.; \$8.45 per 100

For Thrip control, use D.D.T. dust or Lindane-Aramite



FORBES SUMMER-FLOWERING BULBS

During recent years there has been a tremendous increase in the interest shown by flower fanciers in those summer and fall flowers produced from spring and early summer-planted bulbs or roots. And yet when the ease of culture, adaptability to soil conditions, certainty of success and the beautiful color effects possible are considered, it is surprising that this interest has been so tardy. The remarkable advance in the development of this class of flowers has no doubt increased their popularity, and the range of color and form seems unlimited.

Fancy-leaved
Caladiums

Cannas

Gloxinia

Amaryllis

Acidanthera

This Abyssinian Sword Lily is like the *Gladiolus* in foliage and habit. Plant the bulbs 4 inches deep in well-drained loam in May or June for August-September bloom. They must be lifted and stored dry over winter for planting the next year.

Murielae. The showy 6-petaled flowers, 3 inches across, are cream-white with distinct, star-shaped throat blotches of maroon-purple. They are delightfully fragrant and as cut flowers will make their presence pleasantly known. Ht. 3 ft. \$1 per doz.; \$7.50 per 100.

Amaryllis

These gorgeous blooms are very easily grown for indoor display. Pot the bulbs singly in 6-inch pots in good garden loam enriched with bone-meal. Water slightly and keep in a dark place at 50 to 60° temperature for about a month until well rooted, then expose to full sun and water regularly. It is essential for good bloom that the roots become crowded in the pot. For garden bloom plunge the pots in June in the border in a warm, sunny spot. Take indoors before frost and store dry for three months. Then force again through winter.

Giant-flowered Hybrids. These bulbs produce trumpet-like, perfect blooms in pairs on strong stems. The colors range from beautiful markings of rose, red, and crimson on white grounds to scarlet, crimson, bright red, cherry, and maroon self colors. Extra large bulbs, 90c ea.; \$8.95 per doz.

Anemone

These come in exceedingly brilliant colors from June on and are fine for borders and cutting. Plant as early as possible in spring, 6 inches deep, in a cool, moist, but well-drained soil. Mulch in winter. May be grown indoors in pots.

St. Brigid, Mixed. Single and semi-double, cup-shaped flowers, often over 3 inches across, in bright scarlet, purple, maroon, lilac, etc. Ht. 1 ft. 85c per doz.; \$5.50 per 100.

Begonias, Tuberous-rooted

Easily grown, these beautiful flowers excel in shady borders from July to frost and are fine for indoor forcing. In May, after soil is warm, plant bulbs with rounded part down, 10 inches apart, covered 1 inch in a soil mixture (of equal parts of garden loam, humus or peat moss, and well-rotted manure and a half part of sand) which is 8 inches deep to give good drainage. Water moderately until growth starts, then thoroughly once a week. Do not cultivate but mulch with peat or rotted manure in hot weather. Too much water causes flowers to drop.

For earlier flowers plunge bulbs in April, in flats 3 inches deep, of sanded peat moss and just cover with sand. Moisten slightly until growth starts, then water well in 60 to 70° F. temperature. When leaves form, shift to garden when soil is warm. Cheaper small bulbs give poor results.

Double, Camellia-flowered. These fine flowers of waxy texture closely resemble a camellia. **Rose, Salmon, Scarlet, White and Yellow.** Extra large bulbs, 2 in. and up, 3 for 95c; \$3.50 per doz.; \$25 per 100.

Fancy-Leaved Caladiums

Gorgeous foliage plants for outdoor bedding in shady or semi-shady positions. Start bulbs in pots, planting one bulb to a 6-inch pot. Use a well-drained sandy loam, water sparingly, and keep at 60° until well started. Then water freely. **Choice of 5 varieties.** Jumbo bulbs 50c ea.; \$5 per doz.

Callas

Unlike the winter-flowering white *Calla*, these are wonderful garden subjects of easy culture. In April or May plant groups of bulbs, in sun or part shade, in moist soil. They will bloom in August-September. Lift the bulbs before hard frost and store. May be potted in the fall for indoor bloom.

Pink (Rehmanni). An unusual plant with small, rose-pink flowers of great beauty. Effective for margins, it grows 12 inches high. Bulbs, 2-2½ in., 55c each; \$5.50 per doz.

Yellow (Elliottiana). Lustrous, golden yellow large flowers on sturdy 2-foot plants. The foliage is dark green spotted with cream-white. Bulbs, 3-3½ in., 75c each; \$7.50 per doz.

Canna Roots For Plants, see page 9

Cannas are the most economical and effective plants employed in our gardens. They bloom from early summer until frost in all sections of the country, succeeding in any sunny position in any kind of soil, but responding quickly to liberal treatment. For best results the beds should be spaded deeply, and a generous amount of well-decayed manure of any kind thoroughly incorporated, and at all times freely watered. Plant the dormant roots after May 15, spacing them 18 inches apart. Set them with the "eye" just above the ground. Most effective when planted in masses of one variety.

City of Portland. Very large, rose-pink flowers above attractive green foliage. Ht. 4 ft.

Eureka. Large white flowers contrasting nicely with the clean green foliage. Ht. 4 ft.

King Humbert. Orange-scarlet flowers, 6 inches across, flecked with bright red. Coppery bronze foliage. Ht. 4 ft.

The President. Immense, glowing bright red flowers, 7 inches across when open. Rich green foliage. Ht. 4 ft.

Yellow King Humbert. Large bright yellow flowers flecked with red; contrasting green foliage. Ht. 4 ft.

Largest dormant roots of any of above, 3 for 70c; \$2.25 per doz.; \$15 per 100

Gloxinias

The gorgeous velvety tubular flowers are long lasting and contrast with the soft, gray-green, oval leaves. Easily grown, they are fine for porch boxes or pots in a warm, bright but not sunny place, and for the garden in semi-shade. Start bulbs in shade indoors at 65° F. barely covered, in flats of moist peat moss. When sprouts appear put each in a 4-inch pot of sandy, peaty loam, covering bulb one inch. Water sparingly at 65° F. in indirect sun. Set out after ground is warm; in a partly shaded border. **Violet edged white; Scarlet edged white; Violet; Scarlet; All colors spotted.** Large bulbs, 2 in. and up, 45c each; 3 for \$1.25; \$4.50 per doz.

We also offer pot-grown Begonia plants. See page 9

We offer pot-grown Caladium plants. See page 9

FORBES SUMMER-FLOWERING BULBS

From the viewpoint of cut-flowers alone, every gardener is justified in growing a variety of these flowers. They may also be used to great advantage for group plantings in the perennial border. Enjoy some this year.

Large-flowered Dahlias

The broad petals are spaced regularly in the Formal Decoratives (F.D.) or irregularly in the Informal Decoratives (I.D.). In the Semi-Cactus (S.C.) petals are partly rolled.

Gallant Fox. (F.D.) Very large deep flowers of brilliant red carried on stiff-stemmed, vigorous plants.

Jersey's Beauty. (F.D.) Large flowers of great depth on wiry stems. A lovely pink with light chamois shading.

Mrs. I. de Ver Warner. (F.D.) A beautiful shade of mauve-pink. Large, well-formed blooms on strong stems.

Mrs. James Albin. (F.D.) Attractive clear lemon-yellow with fine formal blooms carried on straight stiff stems.

Red Jersey. (F.D.) A brilliant deep red version of the famous Jersey's Beauty, having all of its fine points.

Rose Glory. (F.D.) Very attractive, big flowers of deep rose-pink held erect on strong stiff stems.

White King. (F.D.) A lovely snow-white flower of good size produced in abundance on strong plants.

Above 7 Decoratives, 50c ea.; 3 for \$1.35; \$5 doz.

Berger's Masterpiece. (C.) Narrow incurved petals of soft lavender-pink with a yellow base.

Michigan White. (S.C.) A beautiful pure white of large size and exceptionally fine for cutting.

Oakleigh Champion. (C.) A very graceful flower attractively combining burnt orange, soft pink and yellow.

Scarlet Leader. (C.) The brightest of all with perfectly formed vivid scarlet flowers which do not fade.

Yellow Star. (C.) The narrow incurved petals are of an intense yellow color. A real beauty.

Above 5 Cactus, 80c ea.; 3 for \$2.25; \$8.50 doz.

Kelvin. (I.D.) Huge flowers of Tyrian pink suffused with gold. The heavy stemmed plants have large foliage.

Kirsten Flagstad. (I.D.) Blooms early and continuously with huge chrome-yellow flowers slightly suffused rose.

Mrs. Hester A. Pape. (I.D.) Huge reddish purple flowers on tall strong plants. A consistent winner at the shows.

Above 3 Decoratives, \$1.25 ea.; 3 for \$3.35; \$12.50 doz.

Minatures

These, unexcelled for the border, produce dwarf, 3-foot plants, free-blooming and long-keeping cut-flowers. Plant 2 feet apart. They require no disbudding or staking.

Corinna. (Min. F.D.) These give a very bright sunny effect with their cheerful deep yellow flowers.

Fairy. (Min. F.D.) Charming double flowers of glowing clear pink in profusion on bushy plants.

Ike. (Min. F.D.) A profusion of delightful deep red flowers which are excellent for cutting.

White Fawn. (Min. F.D.) Splendid pure white, double flowers with fine stems for cutting.

Any of the above 4, 50c each; 3 for \$1.35; \$5 doz.

Pompons

These delightful small, ball-shaped cut-flowers through late summer and fall, require very little care. They grow 2½ feet high and the more you cut the more they bloom.

Cardinal. Medium-sized, perfectly ball-shaped flowers of deep red color on strong vigorous plants.

Mary Munns. Countless hard pompon flowers, 1½ inches across, of a delightful shade of lavender. A nice variety.

Rosa Wilmoth. Exceptionally fine, with small uniform blooms of deep rose-pink on healthy, vigorous plants.

Yellow Gem. Fine deep yellow blooms, 1½ inches across, of perfect form, on nice long stems.

Any of the above 4, 50c each; 3 for \$1.35; \$5 doz.

DAHLIA CULTURE. Dahlias like a good soil but not too rich, in sun. Dig a hole 16 inches deep, firmly backfill 10 inches with half sand, half loam, well mixed for good drainage. Set stake, lay tuber flat and cover with 3 inches of soil. As growth appears, gradually fill hole to surface and then mound up. When a foot high, tie to stake and stir 2 or 3 ounces of fertilizer into surface. Shallow cultivate and mulch during hot months. Disbud side shoots. Space plants 3 feet apart. For cut flowers immerse stems in hot water. After cooling shift to cold water overnight.

Ismene

These Peruvian Daffodils are delightful for garden display and superb as cutflowers, lasting several days in water. They bloom in late July if the bulbs are planted in late May or early June after the ground is warm. Lift them before frost comes and store dry over the winter at 60° F. for replanting the next year.

Calathina. Long-lasting umbels of three or four, pearl-white, lily-like flowers on long-leaved plants 2 feet high. Large bulbs, 50c each; \$4.95 per doz.

Sulphur Queen. A very beautiful yellow Ismene with huge pale sulphur-yellow blooms which last wonderfully in water when cut. Not available until 1956.

Hardy Lilies

These, with their beauty and fragrance, appear best in groups against a background of shrubbery in well-drained soil.

Auratum. Huge ivory flowers spotted dark red, with a central yellow band on petals, in August. Ht. 4 ft. Plant 8 in. deep, in acid soil, in sun or part shade. 10-11 in. bulbs. 65c each; \$6.50 per doz.

Estate. Hardy, pure white trumpets in Aug. Ht. 4-5 ft. Plant 8 in. deep in sun. 9-10 in. bulbs, 75c ea.; \$7.50 doz.

Regale. White funnel blooms, shaded pink and streaked brown, inside flushed yellow in July. Ht. 5 ft. Plant 8 in. deep in sun. 9-10 in. bulbs. 60c each; \$6 per doz.

Speciosum rubrum. Graceful, ruby-carmine, white edged flowers with reflexed red-spotted petals, in August and September. Ht. 4 ft. Plant 6 in. deep in sun. 9-10 in. bulbs. 65c each; \$6.50 per doz.

Tenuifolium (Coral Lily). Thread-like leaves and clusters of recurved, coral-red bell flowers in June. Ht. 2 ft. Plant 6 in. deep in partial shade. 25c each; \$2.50 per doz.

Ranunculus

Fine 15-inch border plants for cutting. In May plant the bulbs with claws downward, 3 inches deep and 6 inches apart.

Giant Claremont Hybrids. Double and semi-double, peony-like flowers, 2 inches across in every shade of yellow, orange, pink and red. 85c per doz.; \$5.50 per 100.

Tigridias

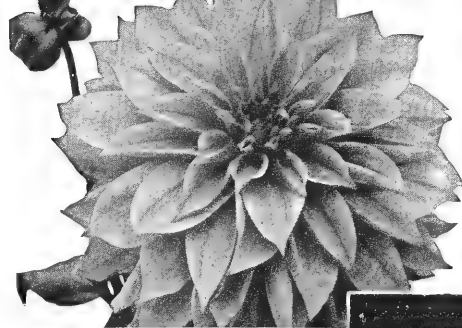
In May, plant in a sunny, well-drained border, 4 inches deep and 6 apart. Water well. Bloom July to Sept. Ht. 3 ft.

Pavonia Mixed. Large brilliant 3-petaled, open flowers with contrasting cup. \$1.45 per doz.; \$9.95 per 100.

Tuberoses

Select a sunny, well-drained, rich soil and in May, plant 2 inches deep. The flowers, in Aug. Sept., are very fragrant.

Excelsior, Double Pearl. Spikes of waxy, white. Ht. 2 ft. Jumbo bulbs, 25c each; \$2.50 per doz.; \$18 per 100.



Dahlia
Jersey's Beauty



Ismene calathina



Begonia, Double Camellia-
flowered



Ranunculus, Giant
Claremont Hybrids



Lily, Speciosum rubrum



Hybrid Tea, Peace



Hybrid Tea, Chrysler

All are ready in late April or in May and are equal to bushes planted last fall.

PLEASE NOTE

To hold the Roses ordered we need a 50% deposit with your order.



Hybrid Tea, Mojave
All-America for 1954

READ THIS—Each year many Rose buyers, when they come in to make their selection in May, find that we are sold out of some of their favorites. To avoid disappointment, send us your order with a 50% remittance NOW. We'll reserve your Roses, all 2-year-old, No. 1 grade, field-grown specially for us by the leading quality Rose grower of the northwest. Each, grown on outdoors from an early start, will be thoroughly rooted in a 7 x 9-inch pot, fully alive, in leaf and ready to give full bloom from June on. All are the finest quality and best varieties, growing vigorously when you get them.

The American Rose Society gives every Rose a rating. We show this rating after each:
9 up = the finest, 8 up = excellent, 7 up = very good, 6 up = only fair

FORBES HYBRID TEA ROSES IN POTS

All are strongly rooted, 2-year-old, No. 1 grade, field-grown plants established in 7 x 9-inch pots.

- **Buccaneer.** \$2.95 ea.; 3 for \$8.55; \$33 doz.
The buds are very long, opening into cupped, mildly fragrant flowers of clear shining, fadeless butter-cup yellow. The strong plants grow quite tall, are free-branching with long stems topped with glorious blooms. 38 petals. 8.4
- **Charles Mallerin.** \$2.85 ea.; 3 for \$8.25; \$31.80 doz.
Both the attractive buds and the large, high-centered, full flowers of midnight crimson are very, very dark red with a velvety blackish sheen, and the color does not turn blue. They have a marvelous fragrance. The husky plants are tall but not too symmetrical and have healthy, dark green, leathery foliage. They bear the flowers freely on long stems. 30 to 40 petals. **New.**
- **Charlotte Armstrong.** \$2.60 ea.; 3 for \$7.50; \$28.80 doz.
All-America Rose Selection, 1941. The long, pointed, blood-red bud opens into a large, high-centered, full flower, cerise in hot weather and spectrum-red in cool weather, and 3 to 4 inches across. The plants are vigorous and very free flowering. The foliage is large, leathery, semi-glossy, deep green and highly resistant to mildew. 30 petals. 9.0
- **Christopher Stone.** \$1.95 ea.; 3 for \$5.55; \$21 doz.
A large, semi-double, vivid scarlet flower overlaid with velvety crimson, of delightful Damask fragrance. In fall the crimson deepens with black shadings. The plants are of vigorous, upright growth with bright green foliage, free flowering and apparently not affected by heat, as they bloom almost continuously. 35 petals. 8.8
- **Chrysler.** \$2.85 ea.; 3 for \$8.25; \$31.80 doz.
All-America Rose Selection, 1953. The crimson color deepens in the shadows and seems brighter in full light. The large blooms are 4½ to 5 inches in diameter, with broad petals arranged in high-centered form. Buds are usually velvety and gracefully tapered. Flowers are carried single on strong stems of moderate length. The plant is compact in growth. 40-50 petals. 8.7
- **Condesa de Sagato.** \$1.95 ea.; 3 for \$5.55; \$21 doz.
The golden yellow buds are beautifully striped with brilliant orange-red and develop into cupped, open, copper-colored flowers of spicy scent. The inside of the petals is oriental red, the outside golden yellow, giving an unusual bicolor effect. The free-flowering, vigorous plants have large, glossy dark green foliage. 50 petals. 7.9
- **Crimson Glory.** \$1.95 ea.; 3 for \$5.55; \$21 doz.
The large, long-pointed buds open to beautifully formed, semi-double, cupped flowers of an intense deep vivid crimson shaded oxblood-red and mellowed by a soft velvety nap. The wonderfully fragrant blooms are recurrently borne on very vigorous, compact bushes with healthy, profuse, leathery foliage. 30 petals. 9.5
- **Eclipse.** \$1.95 ea.; 3 for \$5.55; \$21 doz.
With streamlined, tapering buds, often 2 inches long, the semi-double, golden yellow flowers are very freely produced. The plants are vigorous and upright in growth with long, erect stems fine for cutting. They bloom consistently through the season. 25 petals. 8.5
- **Etoile de Hollande.** \$1.95 ea.; 3 for \$5.55; \$21 doz.
Still one of the best reds. The large-petaled, huge, double, cupped flowers are bright red, do not fade and have an exquisite old-Rose fragrance. They are particularly superb when in the half-open stage. The 2½-foot, open, branching plants have upright stems, large, soft green foliage and bear intermittently all season. 45 petals. 8.9
- **First Love.** \$2.60 ea.; 3 for \$7.50; \$28.80 doz.
Dozens of unusually long tapering, graceful buds in a delightful pale dawn-pink. The pale pink flowers, with their mild pleasing tea fragrance and gracefully pointed petals, open very slowly. The vigorous, fairly upright, free blooming plants, carry each flower singly on a long slender stem. The abundant, light green, leathery foliage is disease-resistant. 25 petals. 7.8
- **Good News.** Not available
The deep coppery pink buds slowly open to very large, double, globular strong-stemmed flowers of silvery shell-pink with glowing apricot centers and rich tea fragrance. The vigorous bushy plants are healthy and almost continuously in bloom. This is an exceptionally fine dooryard rose. 60 petals. 8.0
- **Grande Duchesse Charlotte.** \$2.35 ea.; 3 for \$6.75
All-America Rose Selection, 1943. This delightful aristocrat provides a color previously unknown in Roses. The beautiful long, streamlined buds are a glowing morocco-red and open to firmly petaled blooms of dusky coral-red which do not fade, and gradually merge to a soft coral-pink. The petals recurve and form a very artistic flower with a carnation fragrance. 25 petals. 8.3

• Indicates the most fragrant varieties

Here's Rose News for 1955

Our new Rose Dust is formulated from remarkable new materials for the control of all important rose troubles. It contains 7% Captan, a new definite control for black spot; $\frac{3}{4}$ % Karathane, the new positive control for powdery mildew; 4% Malathion for aphids, thrips, spider mites, white flies, mealy bugs, tarnish plant bugs, lace bugs; and 5% D.D.T. for rose chafers and other beetles and caterpillars. Really every rose grower's dream, this new potent, combined insecticide and fungicide controls all rose insects and diseases. Try this all-purpose, easy-to-apply, real-control, new dust this year.

Will not discolor foliage. Contains no sulphur.

8 oz. Duster \$1; 2 lbs. \$1.95

Three Rose Helps

Rose Dust. New all-purpose, easy-to-apply dust with 7% Captan for black spot; $\frac{3}{4}$ % Karathane for powdery mildew; 4% Malathion for difficult insects; 5% D.D.T. for beetles, caterpillars. 8 oz. duster \$1; 2 lbs. \$1.95.

Tri-ogen. The well known liquid rose spray for black spot, mildew, blight and both types of insects. Kit A, (for 12-20 roses for the season) \$2.35; Kit B (for 50-80 roses) \$6; Kit C (for 100-160 roses) \$9.

Rose Food. Use this organic, 5-10-5 fertilizer for stronger growth, better color and more, perfect flowers. Feed in March, in late June and in early September. 5 lbs. \$1; 25 lbs. \$3; 50 lbs. \$5.

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FORBES HYBRID TEA ROSES IN POTS

All are strongly rooted, 2-year-old, No. 1 grade, field-grown plants established in 7 by 9-inch pots

Four reasons for choosing Pot Grown Roses *versus* dormant bushes. (1) All plants are No. 1 grade, the best. (2) Forbes Pot Grown Roses have been growing in soil since February, equal to dormant Roses planted the previous fall. (3) When set in your garden, our Pot Grown Roses continue growth without loss of time or setback. (4) Before buying you see that our Pot Grown Roses are radiantly alive and growing.

Helen Traubel. \$2.85 ea.; 3 for \$8.25; \$31.80 doz.

All-America Rose Selection, 1952. The sparkling color varies with the weather, sometimes a light lively pink, more often a luminous apricot blending into orange. The unusually large buds are long and tapered and come singly on long stems ideal for cutting. The sturdy, vigorous plants are very large and bear flowers of pleasing fragrance throughout the season under virtually all conditions. 25 petals. 8.6

Lowell Thomas. \$2.35 ea.; 3 for \$6.75; \$25.80 doz.

All-America Rose Selection, 1944. The vibrant chrome-yellow, slightly tea fragrant double blooms open from beautiful long, pointed buds. They all have high-cupped centers with outward rolling petals making magnificent glowing flowers often over 4 inches across when fully open. It is of compact, bushy, upright growth with leathery foliage and strong stems. 35 petals. 7.3

McGredy's Ivory. \$1.95 ea.; 3 for \$5.55; \$21 doz.

Very large, high-centered double flowers of soft, delicate creamy white merging into soft yellow at the base. They are delightfully fragrant. The buds are long and pointed, and very freely produced on vigorous plants with large, glossy, dark green leathery foliage which is quite disease resistant. 32 petals. 7.8

McGredy's Scarlet. \$1.95 ea.; 3 for \$5.55; \$21 doz.

The large high-centered, vivid rose flowers, with a slight Tea fragrance, become scarlet in the fall. They are abundant on tall, vigorous plants with large, glossy green, leathery foliage. 35 petals. 7.9

Mirandy. \$2.60 ea.; 3 for \$7.50; \$28.80 doz.

All-America Rose Selection, Gold Medal, 1945. The large, long-pointed, ovoid buds are glowing rich dark red with black shadings and open to large, full blooms of a gorgeous chrysanthemum-red and a delightfully penetrating Dam-ask fragrance. The plants are strong, free branching with stout stems and dark green foliage. 50 petals. 7.5

Mme. Henri Guillot. \$2.35 ea.; 3 for \$6.75; \$25.80 doz.

Very large, slightly fragrant, urn-shaped blooms of deep watermelon- and raspberry-pink tones heavily veiled with reddish orange, giving an impression of flaming scarlet. The buds are long and slender and the strong plants have extra large, waxy foliage. 30 petals. 8.9

Mojave. \$2.95 ea.; 3 for \$8.55; \$33 doz.

All-America Rose Selection, 1954. Long slender buds open to pleasantly fragrant, large radiant orange-apricot flowers highlighted with tints of red, scarlet and vermillion. These are borne on long cutting stems. The upright, vigorous plants produce a succession of flowers. 25 petals. 7.9

Mrs. Sam McGredy. \$1.95 ea.; 3 for \$5.55; \$21 doz.

The pointed buds, with long bronze stems, are borne singly on vigorous plants with glossy, red-bronze foliage. The large, double, high-centered flowers, with Sweetbrier fragrance, combine copper, scarlet and orange and are flushed with Lincoln red. 40 petals. 8.3

New Yorker. \$2.35 ea.; 3 for \$6.75; \$25.80 doz.

The vigorous, 2½-foot bushy plants, with very dark, glossy, disease-resistant foliage, carry an abundance of shapely buds. These open to large, high-centered, double flowers of unfading scarlet with rose-red undertones. Delightful fragrance. 35 petals. 7.9

Nigger Boy. \$1.95 ea.; 3 for \$5.55; \$21 doz.

The long pointed buds form strongly fragrant, double, globular flowers of very dark, velvety blackish maroon. The vigorous free-blooming plants have thick glossy foliage of bronzy green. 56 petals. 8.9

Nocturne. \$2.35 ea.; 3 for \$6.75; \$25.80 doz.

All-America Rose Selection, 1948. Extra-long, beautiful black-red buds. The fragrant, large, cupped flowers are cardinal-red with deep shadings of chrysanthemum-crimson. The color lightens somewhat in hot weather. The 3 to 4-foot, upright plants are vigorous, with large, dark green, semi-glossy, leathery foliage. 30 petals. 8.0

Peace. \$2.85 ea.; 3 for \$8.25; \$31.80 doz.

All-America Rose Selection, 1946. The large, ovoid buds are deep yellow, soon showing a cerise-pink picotee edging. As the flower slowly develops the color changes through canary-yellow, pale gold, cream, ivory and lighter-white. The huge, mildly fragrant blooms are produced singly in endless succession. The hardy, vigorous plants have shining holly-like foliage. 45 petals. 9.4

Picture. \$1.95 ea.; 3 for \$5.55; \$21 doz.

The lovely deep pink buds open to very double, high-centered, mildly fragrant, clean rose-pink flowers with undertones of rich salmon. They have good substance and last long. The plants are stocky, vigorous and free-blooming, with dark green, glossy foliage. 34 petals. 8.4

Poinsettia. \$1.95 ea.; 3 for \$5.55; \$21 doz.

This is the most dazzling of all Roses. The buds, long and pointed, open to large, semi-double, beautifully formed, poinsettia-scarlet flowers. The brilliant, scarlet blooms are freely produced throughout the season on fairly tall, healthy, vigorous plants. 28 petals. 8.4

President Eisenhower. \$2.85 ea.; 3 for \$8.25; \$31.80 doz.

A very excellent rose that is worthy of a very excellent name. The medium-high, upright plant is sturdy and the dark green, leathery foliage resists disease. The large buds open to large, bright clear rose-red blossoms which are pleasingly fragrant. 35 petals. 9.0

Grandiflora Queen Elizabeth. \$3.25 ea.; 3 for \$9.45; \$36.60 doz.

All-America Rose Selection, 1955. Vigorous tall upright free-flowering plants with deep green, heavily textured foliage. The large, high-centered, orchid-pink blooms are borne singly and in clusters on long, nearly thornless stems. They last well when cut. 40 petals. New

Rubaiyat. \$2.20 ea.; 3 for \$6.30; \$24 doz.

All-America Rose Selection, 1947. The long crimson-pink buds slowly open to large double, high-centered, rich crimson to red-rose flowers of superb old-Rose fragrance. Freely produced with long stems on very vigorous upright plants, 3½ to 4 feet high, having clean dark, leathery, resistant foliage. 25 petals. 7.8

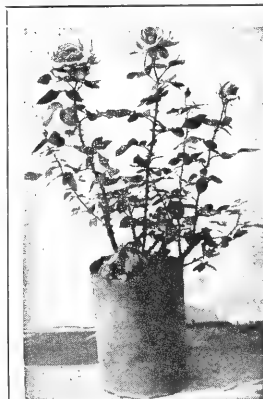
• Indicates the most fragrant varieties

To Start You Growing Roses . . . GREENHORN COLLECTION OF HYBRID TEA ROSES

Crimson Glory. Deep crimson-red shaded oxblood-red. . . \$1.95
McGredy's Ivory. Beautiful creamy white fragrant Roses. 1.95
Picture. Clean rose-pink with salmon undertones. . . 1.95
Sutter's Gold. Golden orange shaded yellow. . . 2.60
Talisman. Cerise-pink, flame, scarlet, yellow combination. . . 1.95
Total Value. \$10.40

We reserve the right to substitute any of same color

One each of above 5 for \$8.95



Here's one of our Potted Roses. Slit down side of pot with a knife, discard pot and set the soil ball firmly in your garden bed. The plant will grow on without stopping.



Hybrid Tea.
President Eisenhower

ROSES IN COLOR

You will see all of our Roses in natural color at our stores in Hanover as well as Millburn. It helps a lot in making your best selection.



Grandiflora
Queen Elizabeth

Hybrid Tea
Sutter's Gold



All are ready in late April or in May and are equal to bushes planted last fall.

Floribunda, Jiminy Cricket

Order your Roses NOW. Include a 50¢ deposit. We'll notify you in April as soon as they're ready.

Floribunda, Fashion

DWARF ROSES IN POTS

Small-flowered Floribundas spaced 15 inches apart for low hedges, massed beds, along low fences, rock gardens. They bear clusters from June to fall.

- Margo Koster.** \$1.95 ea.; 3 for \$5.55; \$21 doz. Clusters of globular, salmon-orange flowers flushed with pink, borne freely on hardy 12-inch plants. 35 petals. **8.8**
- Mother's Day.** \$1.95 ea.; 3 for \$5.55; \$21 doz. Delightful clusters of small bright red flowers on dwarf 15 to 18-inch compact plants. 30 petals. **8.0**
- Pinkie.** \$1.95 ea.; 3 for \$5.55; \$21 doz. Dainty Neyron Rose buds opening to 2-inch flowers of spicy fragrance on bushy, 18-inch plants with light green, glossy foliage. 25 petals. **7.9**

FORBES HYBRID TEA ROSES IN POTS

All are strongly rooted, 2-year-old, No. 1 grade, field-grown plants established in 7 by 9-inch pots

We offer the best of the recent introductions and those older favorites which, through sheer merit, are still among the finest. Whether in beds by themselves or in border groups, they will flaunt their beauty from June until frost. In choosing Forbes Pot Grown Roses you are assured of *live* plants well established in soil and equal to a dormant Rose which had been planted the previous fall. Easily set in your garden without loss.

- Show Girl.** \$2.35 ea.; 3 for \$6.75; \$25.80 doz. This has the longest, most perfectly formed, deep pink buds of all Roses. In cool weather they are almost carmine-pink but always opening to large, cupped, deep pink, double, delightfully fragrant flowers on long stems. The upright, bushy plants have leathery foliage. 25 petals. **8.2**
- Sutter's Gold.** \$2.60 ea.; 3 for \$7.50; \$28.80 doz. All-America Rose Selection, 1950. The exquisite long-pointed, orange-yellow buds, shaded vermillion, become large double, high-centered, intensely fragrant flowers of golden orange and shades of yellow. The vigorous upright plants have dark leathery foliage. 30 petals. **8.3**
- Tiffany.** \$3.25 ea.; 3 for \$9.45; \$36.60 doz. All-America Rose Selection, 1955. The plants are vigorous and upright with dark green, disease-resistant foliage. The long pointed buds of deep pink show a golden yellow shading at the base. They open to double high-centered blooms of warm clear pink which have exceptional lasting qualities. Each flower is produced singly on a strong stem. 32 petals. **New**
- Talismán.** \$1.95 ea.; 3 for \$5.55; \$21 doz. The buds are exquisitely formed and open to large double flowers of a delightful blend of cerise-pink, flame, scarlet and golden yellow. The plants are vigorous with large rich green, leathery foliage. 30 petals. **8.3**
- Tallyho.** \$2.35 ea.; 3 for \$6.75; \$25.80 doz. All-America Rose Selection, 1949. The outside varies from crimson to cardinal-red, the inside through rose shades, with a spicy fragrance. The green, leathery foliage is mildew-resistant, on upright plants. 28 petals. **8.3**
- The Doctor.** \$1.95 ea.; 3 for \$5.55; \$21 doz. The long-pointed buds of sparkling pink open to enormous flowers, often 5 inches across, of satiny silver-pink and intense fragrance. The vigorous, bushy, 2-foot plants have soft light green foliage. 25 petals. **7.9**
- White Swan.** \$2.60 ea.; 3 for \$7.50; \$28.80 doz. The long pointed, white buds open to large, stark white blooms, often 4 inches across, of delightful fragrance, borne freely on 3 to 4-foot, vigorous plants with dark green, resistant foliage. 30 petals. **7.4**

FORBES FLORIBUNDA ROSES IN POTS

These are bush Roses producing clusters of blooms without interruption from early summer until late frosts. They are easy to grow and very hardy. Ideal in shrub borders for color after shrub bloom is over, for mass plantings, among perennials, even for colorful hedges. Plant 18 inches apart; prune lightly to desired height.

- Betty Prior.** \$1.95 ea.; 3 for \$5.55; \$21 doz. Sturdy, plants with clusters of fragrant, single blooms, resembling a pink dogwood in shape and color. The inside of the petals is a delicate pink and the outside a dark carmine. Ht. 42 in. 5 petals. **8.8**
- Carrouse.** \$2.35 ea.; 3 for \$6.75; \$25.80 doz. These remarkably fine blooms are just like Hybrid Teas but grow in clusters with good stems. They are of a glowing deep red color and come in masses on upright, rather tall growing, disease-resistant, and glossy-foliaged plants. These bloom freely over a long season even in extreme heat. Ht. 33 in. 32 petals. **9.2**
- Fashion.** \$2.35 ea.; 3 for \$6.75; \$25.80 doz. All-America Rose Selection, 1950. The oriental-red buds open into lovely coral-pink flowers overlaid with gold, turning clear coral. The open, double, 3-inch flowers, in clusters profusely throughout the season have a wild-Rose fragrance. The plants are bushy, with dark glossy green foliage. Ht. 30 in. 25 petals. **9.0**
- Frénsham.** \$1.95 ea.; 3 for \$5.55; \$21 doz. Very vigorous, broad, bushy plants with dark leathery foliage and very abundantly bearing large clusters of large, semi-double, slightly fragrant, deep crimson flowers. Ht. 30 in. 20 petals. **8.9**
- Garnette.** \$1.95 ea.; 3 for \$5.55; \$21 doz. This popular Florists' rose does well in the garden specially in half sun. The small 2-inch flowers in clusters are deep blackish red when cool, paler in the heat. At any time they last longer when cut than any other rose. The stocky plants have masses of crinkled holly-like foliage. Ht. 20 in. 35 petals. **7.8**
- Goldilocks.** \$1.95 ea.; 3 for \$5.55; \$21 doz. Sunny, globular, double flowers of deep yellow produced continuously in fine clusters of delightful fragrance from June throughout the season. The vigorous, bushy plants have glossy, leathery foliage. Ht. 42 in. 45 petals. **7.9**
- Irene of Denmark.** \$2.20 ea.; 3 for \$6.30; \$24 doz. The large, cupped, double, white blooms, borne in fine clusters in abundance continuously, have a China Rose fragrance and the exquisite true "sweetheart" form, daintily perfect. The dark green-leaved, hardy plants are vigorous and bushy. Ht. 20 in. 30 to 40 petals. **7.0**
- Jiminy Cricket.** \$2.85 ea.; 3 for \$8.25; \$31.80 doz. All-America Rose Selection, 1955. The vigorous upright plants have bronze leaves which turn to a lush glossy green. The clusters of urn-shaped, tangerine buds open into 3½-inch coral-orange blooms which change to rich coral-pink and have a pleasing old-rose fragrance. The flowers hold unusually well on the plant and also when cut. Ht. 30 in. 36 petals. **New**
- Lilibet.** \$2.35 ea.; 3 for \$6.75; \$25.80 doz. All-America Rose Selection, 1954. Named in honor of Her Majesty, Queen Elizabeth II, the dainty abundant clusters come in exquisite tones of pink, from light rose to soft dawn pink, with fragrant flowers from 2½ to 3 inches across. The exceptionally hardy plants have heavy foliage. Ht. 24 in. 28 petals. **New**
- Ma Perkins.** \$2.35 ea.; 3 for \$6.75; \$25.80 doz. All-America Rose Selection, 1953. The buds, coral with shades of red, open to 3-inch sparkling coral-shell-pink flowers. Tones of sweet honey fragrance. The plants have dark glossy green foliage. Ht. 24 in. 40 petals. **8.4**

• Indicates the most fragrant varieties

FORBES FLORIBUNDA ROSES IN POTS

All are strongly rooted, 2-year-old, No. 1 grade, field-grown plants established in 7 by 9-inch pots

To Start You Growing Roses GREENHORN COLLECTION OF FLORIBUNDA ROSES

Fashion. Clusters of coral-pink overlaid gold. \$2.35

Goldilocks. Sunny double yellow flowers. . . . 1.95

Irene of Denmark. Double white clusters. . . . 2.20

Rosenelfe. Clusters of La France pink. . . . 1.95

Royal Chinook. Masses of carmine-red. . . . 1.95

Total Value. \$10.40

We reserve the right to substitute any of same color

One each of above 5 for **\$8.95**

FORBES CLIMBING ROSES IN POTS

These cover unsightly objects and screen undesirable views, serve as backgrounds for other flowers, and outline property lines. But best of all, they give a lift to your garden, adding variety with their height. Plant 6 feet apart and, after they finish blooming, prune out only the old wornout wood and trim back the side shoots.

Blaze New. \$1.95 ea.; 3 for \$5.55; \$21 doz.
Clusters of 2 to 3-inch, semi-double scarlet flowers. The vigorous 15-foot plants give masses of bloom in June, and intermittently all season. 40 petals. 7.8

• **Climbing Crimson Glory.** \$2.85 ea.; 3 for \$8.25.
This has deep crimson blooms with intense fragrance. The 10-foot plants bloom freely in June and give intermittent bloom thereafter. Perfectly hardy. 30 petals. 8.2

• **Climbing Goldilocks.** \$2.85 ea.; 3 for \$8.25; \$31.80 doz.
Large fragrant clusters of sunny, deep yellow buds all summer long. The vigorous, 10-foot vines have disease-resistant, deep green foliage. 45 petals. 7.1

• **Climbing Mrs. Sam McGredy.** \$2.20 ea.; 3 for \$6.30.
This fine 10-foot, bronze-foliaged climber, throughout the season bears double, very fragrant hybrid tea flowers of copper, scarlet and orange tones. 40 petals. 8.9

Climbing Peace. \$2.85 ea.; 3 for \$8.25; \$31.80 doz.
The foliage and strong stems of these 11-foot climbers are like the popular bush form and they bear the same perfect, huge hybrid tea flowers but many more of them throughout the season. 45 petals. 7.2

Climbing Picture. \$2.35 ea.; 3 for \$6.75; \$25.80 doz.
A 12-foot climber with double hybrid tea flowers of clear pink, with salmon under-tones, through the season. The foliage is pest- and disease-resistant. 45 petals. 8.4

• **Climbing White Dawn.** \$1.95 ea.; 3 for \$5.55; \$21 doz.
Clusters of double, pure white blooms of moderate fragrance. Glossy-green, disease-resistant foliage on vigorous, 12-foot plants in continuous bloom. 35 petals. 8.5

• **Pinocchio.** \$1.95 ea.; 3 for \$5.55; \$21 doz.
The pointed buds, salmon flushed with gold open in clusters to semi-double, fragrant flowers, 1½ inches across, of pink suffused salmon. The bushy plants, with leathery foliage, bear continuously. Ht. 36 in. 30 petals. 7.6

• **Red Pinocchio.** \$1.95 ea.; 3 for \$5.55; \$21 doz.
The deep carmine buds open to semi-double, velvety red fragrant, 3-inch blooms, in large unfading clusters. The plants bloom continuously. Ht. 24 in. 48 petals. 8.7

Rosenelfe. \$1.95 ea.; 3 for \$5.55; \$21 doz.
Dainty clusters of very large, double, high-centered La France-pink flowers opening from long-pointed buds on strong stems. The glossy light green foliaged bushes are vigorous and free-flowering. Ht. 20 in. 50 petals. 8.9

Royal Chinook \$1.95 ea.; 3 for \$5.55; \$21 doz.
Masses of glowing carmine-red double flowers on this small plant. It is a continuous bloomer. The glossy dark foliage is large and leathery. Ht. 24 in. 80 petals. 7.8

Vogue. \$2.35 ea.; 3 for \$6.75; \$25.80 doz.
All-America Rose Selection, 1952. The dark, oval buds open slowly into 3½-inch brilliant cherry-coral flowers of spicy fragrance. The plants have dark green, disease-resistant foliage. Ht. 30 in. 32 petals. 7.7

• **Doubloons.** \$2.20 ea.; 3 for \$6.30; \$24 doz.
Clusters of deep saffron-yellow buds opening to double, cupped, fragrant, golden yellow extra-large flowers produced intermittently on 10-foot plants. 25 petals. 7.1

• **Dream Girl.** \$2.60 ea.; 3 for \$7.50; \$28.80 doz.
The large double flowers are of unfading coral-pink and have a spicy fragrance. They come in June and intermittently throughout the season. Foliage is glossy on vigorous 15-foot vines. 65 petals. 7.1

• **Dr. J. H. Nicolas.** \$2.35 ea.; 3 for \$6.75; \$25.80 doz.
The fully double, cupped, deep rose-pink blooms are often 5 inches across from June all through summer and fall. As each cluster finishes, new shoots provide a succession of very fragrant, lovely bloom. The 8-foot plants have dark leathery foliage. 50 petals. 7.4

• **High Noon.** \$2.85 ea.; 3 for \$8.25; \$31.80 doz.
All-America Rose Selection, 1948. Intense yellow, loosely cupped flowers in June and additional bursts of bloom throughout the season. The 10-foot vines have light green, glossy foliage. 30 petals. 7.6

• **New Dawn.** \$1.95 ea.; 3 for \$5.55; \$21 doz.
Extra hardy and blooming intermittently all through the season. Has clusters of double, apple-blossom-pink flowers with old-Rose fragrance. The 15-foot plants are vigorous, with dark green, glossy, foliage. 50 petals. 8.8

Paul's Scarlet. \$1.95 ea.; 3 for \$5.55; \$21 doz.
The double flowers are a vivid scarlet-red which does not fade in hot sun. Freely produced, on 15-foot vines in large clusters with masses of color in June. 30 to 50 petals. 9.2

• Indicates the most fragrant varieties



All-America 1952 Floribunda, Vogue

RE SHIPPING

We cannot send
Pot-grown Roses
by mail, express
or freight, as is
often requested.



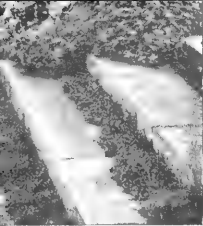
Blaze Climber



ROSES IN COLOR

You will see all of our Roses in natural color at both our Hanover and Millburn stores. It helps a lot in making your best selection.

Climbing Rose,
Doubloons



Veronica rupestris



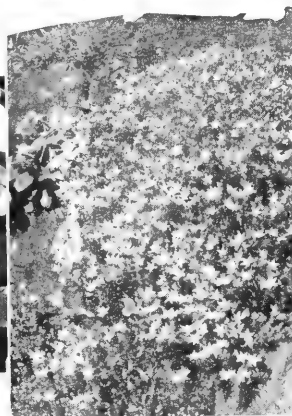
Vinca minor
(Periwinkle)
Bowles Myrtle



Ajuga reptans



Epimedium macranthum niveum



Sedum acre



Pachysandra terminalis

GROUND COVERS

In nearly every garden there are some places where a ground cover, in one form or another, will reduce upkeep or give a better effect. Carpet plants are especially useful in places where it is impossible because of tree roots or soil conditions, to grow a lawn. Here are some ground-cover plants among which you will very likely find the answer to your problem. All are hardy in this latitude.

Ajuga reptans (*Bugle*). This dwarf, creeping perennial makes a splendid ground cover in either sunny or shady places. The evergreen leaves are a rich, shiny green with deep blue flowers on short stems in May and June. Space plants 10 inches apart. In soil, flat of 25 plants \$4; doz. \$2.50; \$16 per 100.

Arenaria verna caespitosa. Useful only in spaces between flagstones, around stone steps and walls. Forms a grass-like, deep green mat 2 inches high and bears tiny white star flowers in May. Likes a sandy, leaf-mould loam in sun or shade. 3 for \$1.50; doz. \$5.50.

Ampelopsis quinquefolia (*Virginia Creeper*). This is fine for covering large banks or wooded areas in either sun or shade. It is a vigorous, fast-growing vine with attractive foliage which becomes a scarlet-gold tone in the fall. Plant 5 feet apart. 3 for \$1.95; doz. \$7.

Asperula odorata (*Sweet Woodruff*). An 8-inch ground cover with fragrant white flowers in May. The small, light green foliage is attractive. Thrives in moist shade but does well in half shade or sun in humusy soil. Plant 12 inches apart. 3 for \$1.50; doz. \$5.50.

Celastrus scandens (*Bittersweet*). A vigorous, rampant vine for covering large slopes or areas in sun or shade. It has large, handsome, light green foliage and in May and June bears yellow flowers. In the fall the clusters of yellow orange-capsuled fruit appear. It has no soil preference. As these are often bisexual, plant 2 or 3 together to insure berries. Plant 3 feet apart. 3 for \$2.55; doz. \$9.50.

Epimedium (*Barrenwort*). A distinctive ground cover in sun or shade but better in half shade. Spaced 9 inches apart they form a solid 9 to 12-inch carpet with light green, heart-shaped, leathery leaves, bronze edged in the fall. They bear a mass of flowers in May and June and like a peaty loam. **Alpinum rubrum**, red and white; and **Macranthum niveum**, pure white. Each, 3 for \$1.65; doz. \$6.

Euonymus acuta. This prostrate, spreading vine forms a shiny, dark evergreen, dense carpet. Prevents weed growth. Does well in full sun, half shade or dense shade. Space 18 inches apart. 3 for \$1.65; doz. \$6.

Gaultheria procumbens (*Wintergreen*). In small areas in half shade or full shade, this forms a carpet of oval, waxy leaves from 3 to 6 inches in depth and usually bears white, nodding flowers in July and edible scarlet berries in fall. It likes a sandy, peaty, moist soil. Space 6 inches apart. 3 for \$1.50; doz. \$5.50.

Iris cristata (*Crested Iris*). Beautiful carpets in small areas if the soil is moist and contains lots of humus, if located in half shade or full shade. The amethyst-blue flowers, 4 inches high, appear in late April and May. Space 6 inches apart. 3 for \$1.50; doz. \$5.50.

Ivy, English (*Hedera Helix*). This hardy, shiny-leaved vine makes a splendid ground cover in light sun or half shade and also in the densest shade. It thrives in a rich moist soil, becomes very dense and makes a fine carpet for daffodils. Allow 1½ square feet per plant. In soil, (minimum) flat of 25 plants \$4; \$16 per 100. Also larger plants in 4-inch pots, 60¢ each; 3 for \$1.65; doz. \$6.

Lonicera Halliana (*Hall's Honeysuckle*). This is excellent for steep banks in either sun or part shade. It is vigorous, with almost evergreen foliage and very fragrant white flowers, which turn to yellow, all through summer. It has no soil preference. Stagger plants 6 feet apart. 3 for \$2.10; doz. \$7.80; \$60 per 100.

Pachysandra terminalis (*Japan Spurge*). The erect, 8-inch plants spread rapidly by side growth under the soil. Will grow in any shade condition even under pine trees and will tolerate half-sun. Valuable for use as a ground cover under shrubs and trees, along walks and drives, and on steep terraces. Plant four or less to the square foot. In soil, doz. \$2.15; flat of 50 for \$7.50.

Phlox divaricata (*Blue Phlox*). A very useful ground cover in spaced one foot apart in enriched humusy loam. The open plants, 10 inches high, with attractive clusters of lavender-blue flowers in April and May, will grow well in sun, half shade or full shade. 3 for \$1.50; doz. \$5.50.

Phlox subulata (*Mass Pink*). These become a mass of color in April and May if in full sun. Growing about 6 inches high, they like a sandy or gravelly light soil, preferably on the acid side, and can withstand drought. Plant 15 inches apart. They come in **Carmine-red**, **Blue**, **Rose** and **White**. Each, 3 for \$1.35; doz. \$4.75.

Polygonum Reynoutria (*Dwarf Luce Plant*). This 8-inch ground cover for sunny places is very hardy and establishes itself readily from underground runners. It does best in full sun and its pale green foliage turns bright red in the fall. In September it bears numerous airy, pale pink flower-sprays. Plant about one foot apart. 3 for \$1.65; doz. \$6; \$45 per 100.

Sedum acre (*Gold Moss*). The dense, creeping evergreen mats, if planted one foot apart in a sunny place, will form a solid 2-inch carpet of fine green leaves. Covered with bright yellow, small flowers in May and June. Likes a rather dry, sandy soil and does well even in a poor, thin soil. 3 for \$1.35; doz. \$4.75.

Sedum sarmentosum (*Stringy Stonewort*). This spreads rapidly and is useful in covering a hot, dry, sunny bank in poor soil. It is 4 inches high with flat leaves and sprays of bright yellow flowers from June to August. Space one foot apart. 3 for \$1.50; doz. \$5.50.

Sedum stoloniferum (*Running Stonewort*). A 6-inch ground cover may be made by spacing these creeping plants one foot apart. The pink flower clusters come in July and August on flat, succulent foliage. Likes a sunny, dry, sandy soil. 3 for \$1.35; doz. \$4.75.

Thymus lanuginosus (*Woolly-leaved Thyme*). A hardy creeping plant, 4 inches high, with small, rosy lilac flowers from June to August and has downy, gray foliage. If planted 6 inches apart, it forms a splendid carpet in a sunny, dry spot. 3 for \$1.50; doz. \$5.50.

Thymus Serpyllum (*Creeeping Thyme*). A sprawling, 3-inch evergreen, with rooting stems. The dense leaves are covered with tiny blooms from June to August. It thrives in poor, dry soils in sun and is fine between flagstones. Space 8 inches apart. We have **argenteus** (Silver-leaved); **aurus** (Golden-leaved T.); **citriodorus** (fragrant Lemon T.); **coccineum**, purple-leaved flowers; and **White**. Each, 3 for \$1.50; doz. \$5.50.

Veronica rupestris (*Rock Speedwell*). This neat trailing plant, 3 to 4 inches high, is ideal when planted between flagstones or as a carpet among small spring flowers. It enjoys any good soil in sun or half shade and bears small, bright blue flower spikes in June. Plant 8 inches apart to form a thick mat. 3 for \$1.50; doz. \$5.50.

Vinca minor, Bowles (*Myrtle*). A fine full- or half-shade, 6-inch ground cover, with broad, glossy green foliage and blue flowers in May and June. Interplant with Daffodils, Mertensia or Plumbago. Plant 6 inches apart for a solid carpet; 12 inches if time to grow out. In soil flats of 25 for \$5; doz. \$3; \$20 per 100.

FORBES VEGETABLE SEEDS

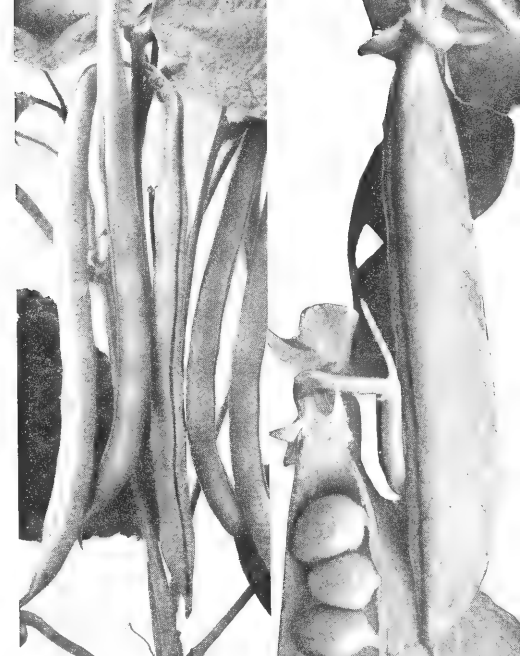
*A selection of strains, some old and some new,
but all are today's best*

With uncertain world conditions you'll be wise to grow your own vegetables this year. It's interesting and healthful, too, not to speak of the supply of nourishing food at little cost. But it's not all fun. To succeed use good soil in the sun, plan well, and carefully select your varieties. Keep your crops free from weeds and well cultivated. But most important of all, plant the best seeds, for good vegetables do not grow from poor seeds.

Since 1898 Forbes Seeds have been used in huge quantities by the farmers who grow the vegetables you buy at your vegetable store. Use these same Forbes Seeds in your own garden.

PLEASE NOTE: F = best for quick Freezing. **BEANS.** Pkt. plants 15 ft., lb. plants 100 ft. row or 100 hills. Apply rotenone to underside of leaves against Jap. beetle. Plant every 2 weeks for succession. Cultivate only when plants are dry. Space 7-ft. poles 3 ft. apart. **CORN.** Pkt. plants 40 ft., lb. 300 ft. row or 300 hills. Plant 3 or 4 rows in a block for best pollination. Miniature Corn, in row crops, won't shade them. **PEAS.** Pkt. plants 6 ft., lb. 50 ft. double row, rows 6 in. apart. Put brush between double rows.

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Name	Key	Color	Ht.	Eat in days	Cross Section	Pod or ear length, inches	Slightly curved pods	Straight pods	Inches between plants	Days to germinate	Successive interval, days	Prices
BEANS, BUSH GREEN		PODDED										
Black Valentine Stringless		Medium green	20 in.	50	Round	6	●	●	3	6	14	} Pkt. 15c; 1/2 lb. 40c; lb. 70c; 5 lbs. \$3.
Bountiful	F	Light green	20 in.	48	Flat	6 1/2	●	●	3	6	14	
Contender	F	Dark green	18 in.	51	Oval	7	●	●	3	6	14	
Longgreen(LongTendergreen)	F	Deep green	20 in.	52	Round	7	●	●	3	6	14	
BEANS, BUSH WAX		PODDED										
Cherokee Wax		Golden yellow	18 in.	50	Oval	6 1/2	●	●	3	6	14	}
Sure Crop Wax		Deep yellow	18 in.	53	Flat	6	●	●	3	6	14	
BEANS, GREEN POLE												
Kentucky Wonder	F	Deep green	5 ft.	65	Oval	8	●	●	8	6		}
BEANS, BUSH LIMA												
Baby Fordhook	F	Shelled green	18 in.	66		3	●	●	10	7	}	
Fordhook 242 (A.A.)	F	Shelled green	18 in.	74		4	●	●	10	7		
BEANS, POLE LIMA												
Challenger	F	Light green	10 ft.	92		5	●	●	6	7	}	
King of the Garden	F	Greenish white	8 ft.	90		6	●	●	6	7		
CORN, HYBRID SWEET					No. rows							
Golden Rocket		Medium yellow	5 1/2 ft.	68	12-14	7 1/2			8	7	} Plant several kinds at once	} Pkt. 20c; 1/2 lb. 45c; lb. 80c; 5 lbs. \$3.50.
Marcross C13.6		Light yellow	5 ft.	71	12-14	7			8	7		
Carmelcross Improved	F	Bright yellow	5 1/2 ft.	74	12-14	8			8	7		
Golden Cross Bantam	F	Golden yellow	6 ft.	86	12-14	8			8	7		
Narrow Grain Evergreen		Pearl white	8 ft.	91	18-22	8			8	7		
CORN, MINIATURE SWEET												
Golden Midget	F	Golden yellow	3 ft.	60		4			8	7	} Pkt. 40c; 3 for \$1.	}
Luther Hill	F	White	3 1/2 ft.	59		5			8	7		
PEAS												
Freezonian	F	Dark green	3 ft.	62	Pods Blunt	3 1/2	●	●	2	8	} Plant 3 vars. all on Mar. 15	} Pkt. 15c; 1/2 lb. 35c; lb. 65c; 5 lbs. \$2.75.
Greater Progress	F	Deep green	18 in.	62	Pointed	4 1/2	●	●	2	8		
Telephone, Dark Pod	F	Dark green	5 ft.	74	Pointed	5	●	●	2	8		
World's Record	F	Dark green	2 1/2 ft.	57	Pointed	4	●	●	2	8		



Contender Beans



Greater Progress Peas

MUSHROOMS. Grow yours at home with Magic Mushroom Trays

Place your trays in your basement, away from your heater, where about 55 or 65 degrees and water occasionally. You can pick mushrooms in 30 days. \$2.25 each; 5 for \$10.75.

Avoid starting Mushrooms in the warm summer months

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Back Cover

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ASPARAGUS											
Mary Washington Rustproof	4	Dark green	3 yrs.	10			For roots, see index	F	3	1/2	15c; oz. 40c.
BEETS											
*Detroit Dark Red	4 7	Dark red flesh	63	12	2	2	(Best in light rich soil	F	2	Oz.	15c; oz. 40c; 1/4 lb. \$1
*Early Wonder	4 7	Blood red flesh	58	14	2	2	with 6.0 to 7.5 pH	F	2	Oz.	15c; oz. 40c; 1/4 lb. \$1
BROCCOLI											
*Italian Green Sprouting	4 7	Blue-green	70p.	30	1 1/4	6	Cut head; buds later	F	18	Pkt.	20c; 1/4 oz. 40c.
RUSSELS SPROUTS											
*Catskill	4 7	Dark green	80p	18	1 1/4	1 1/4	Frost betters flavor	F	18	Pkt.	25c.
CABBAGE											
*Golden Acre, Super	4	Green	62p	14	6	6	(Light, very rich soil		15	Pkt.	15c; 1/4 oz. 40c.
*Bonanza	4	Green	75p	14	4	4	best and 6.0 to 7.5		15	Pkt.	25c.
*Danish Round'd Short St.	7	White	100p	15	7	6	pH. Rotate location		18	Pkt.	15c; 1/4 oz. 40c.
*Chiefian Savoy	4 7	Crinkled	88p	15	7	6	Dust with DDT;		18	Pkt.	15c; 1/4 oz. 40c.
*Red Acre	4 7	Deep red	74p	14	6	6	(heads with roteneone.		18	Pkt.	15c; 1/4 oz. 40c.
CARDOON											
Spanish	5	Blanch stalks	150	36			Tie leaves to blanch		15	1/4	20c.
CARROTS											
*Gold Spike	4 7	Deep orange	76	15	1 1/2	9	(Rich sandy loam, no	F	2	1/4	15c; 1/4 oz. 25c; oz. 60c.
*Nantes XXX	4 7	Bright orange	66	10	1 1/4	6	fresh manure. Avoid	F	2	1/4	15c; 1/4 oz. 25c; oz. 60c.
*Red-cored Chantenay	4 7	Red-orange	70	16	2 1/4	6	weeds. Nantes best.	F	2	1/4	15c; 1/4 oz. 25c; oz. 60c.
CAULIFLOWER											
*The Forbes	4 7	White curd	55p	24	6 1/2	5	Treat like Cabbage	F	18	Pkt.	35c.
CELERIAC (Knob Celery)											
*Dwarf Moonarchie	4	White Knobs	110p	16	3	4	Germinates in 21 days		6	Pkt.	15c.
CELERY											
*Golden Plume	4 7	Yellow, blanch	85p	20			(Likes rich moist soil		6	Pkt.	20c.
*King Pascal	4 7	Green, blanch	115p	18			Use Bordeaux often		6	Pkt.	20c.
CHINESE CABBAGE											
Special Narrow Head	7	White; hard	70	18	4	14	Easy to grow in fall		12	Pkt.	15c; 1/4 oz. 25c; oz. 75c.
COLLARDS											
*Georgia	4 7	Light green	75	30			High in food value		18	Pkt.	10c; oz. 25c.
CORN SALAD											
Broad Leaf	4 9	Salad leaves	45	5	4		For piquant salads		3	1/4	15c; 1/4 oz. 25c.
CUCUMBERS											
Longfellow	5 6	Dark green	72		2 1/2	10	(Use Methoxychlor		12	1/2	15c; 1/4 oz. 25c; oz. 50c.
Marketer	5 6	Black green	65		2 1/4	8	from emergence on,		12	1/2	15c; 1/4 oz. 25c; oz. 50c.
Producer Pickling	5 6	Mid-green	54		1 1/4	4	Bordeaux vs. blight		12	1/2	15c; 1/4 oz. 25c; oz. 50c.
DANDELION											
Italian (Ciccoria catalogna)	4 7	Pungent, green	60	16	8		Use tender shoots		6	1/4	15c; 1/4 oz. 35c.
Thick Leaf	4 8	Broad, green	95	7	14		To winter over sow 8/1		10	1/4	Crop failed
EGGPLANT											
*Black Beauty	5 6	Purplish black	80p	26	5	8	Light rich; no lime	F	18	Pkt.	20c; 1/4 oz. 50c.
ENDIVE											
*Full Heart Batavian	4 7	Broad, plain	90	6	12		(Easily grown salad		12	1/2	15c; oz. 35c.
*Mammoth Bordeaux Curl'd	4 7	Cut, curled	95	6	15		Use Snarol vs. slugs		12	1/2	15c; oz. 35c.
HERBS											
Anise	4	Leaf; flavoring	75	14			(Have an herb corner		12	Pkt.	20c; 1/4 oz. 50c.
Basil, Sweet (Broad-leaved)	5	Spicy leaves	85	18			not only for their		10	Pkt.	20c; 1/4 oz. 50c.
Borage	4	Leaf; flavoring	80	18			ornamental aspect		12	Pkt.	20c; 1/4 oz. 50c.

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HERBS, continued											
Caraway (Biennial)	4 6	Seeds; flavoring	70	15			(but for their enticing flavors, either fresh or dried, for salads, stews, soups, meats, other foods and many beverages. Most like sun, light Well-limed lean soil. Many stand drought. Lavender, Rosemary are very fragrant.		12	Pkt. 20c; ¼ oz. 50c.	
Dill, Mammoth	4 5	Seed; aromatic	75	30					12	Oz. 15c; oz. 35c.	
Fennel, Florence (Finocchio)	7	Bulby base	85	24					6	½ 15c; oz. 50c.	
Horehound (Perennial)	5	Leaf; seasoning	75	24					12	Pkt. 20c; ¼ oz. 50c.	
•Lavender (Perennial)	4	Perfume	60	24					15	Pkt. 25c; ¼ oz. 95c.	
•Marjoram, Sweet	5	Leaf; seasoning	70	20					9	Pkt. 25c.	
•Rosemary (Tender Peren.)	5	Scent, seasoning	75	36					18	Pkt. 25c; ¼ oz. 95c.	
•Sage, Broad Leaf (Peren.)	4	Leaf, pungent	75	15					15	Pkt. 25c.	
Savory, Summer	4	Leaf, piquant	60	12					6	Pkt. 20c.	
•Thyme, Broad Leaf (Peren.)	5	Leaf, aromatic	85	8					8	Pkt. 25c.	
KALE											
Green Curled Dwarf Scotch	4 8	Green, curly	55	12	16		Frost betters flavor	F	12	½ 15c; oz. 45c.	
KOHLRABI											
*White Vienna, Short Leaf	4 7	Bulb	55	8	2	2	Finest when young	F	4	¼ 15c; ¼ oz. 35c.	
LEEK											
Elephant	4 5	Blanch stem	135	18	1¾	6	Hill to blanch stems		4	¼ 15c; ¼ oz. 35c.	
LETTUCE, HEAD											
•Bibb	4 8	Deep green	57		4		Early, very tender		6	¼ 15c; ¼ oz. 25c.	
•Great Lakes XXX	4 8	Dark green	82		10		Best Iceberg type	12	¼ 20c; ¼ oz. 40c.		
•Romaine, Trianon Cos	4 8	Mid-green	68	12	6	9	Long crisp leaves	10	2pk. 15c; oz. 35c.		
•White Boston, N. J. Special	4 8	Light green	76		9		Smooth butter head	10	2pk. 15c; oz. 35c.		
LETTUCE, LOOSE-LEAF											
*Black Seeded Simpson	4 8	Green, curly	45		7		(Non-heading, often used when half size	8	2pk. 15c; oz. 40c.		
*Grand Rapids	4 8	Green, frilled	42		8		This withstands heat	8	2pk. 15c; oz. 35c.		
*Oak Leaf	4 8	Dark green	40		6			8	2pk. 15c.		
MUSKMELONS											
Golden Delight	5	Orange flesh	88		7	9	(See Cucumbers	12	¼ 20c; ¼ oz. 30c.		
Hearts of Gold XXX	5	Salmon-orange	90		6	6½	Like well-enriched	12	¼ 15c; ¼ oz. 25c.		
Jersey Gold	5	Orange flesh	90		6	7	sunny, sandy loam	12	¼ 15c; ¼ oz. 25c.		
MUSTARD											
*Fordhook Fancy	4 7	Green, curly	40	10			Is highly nutritive	F	4	Pkt. 10c; oz. 25c.	
OKRA											
Perkins Mammoth Pod	5 6	Green pods	50	60		6	Use pods when young		18	Oz. 15c; oz. 30c.	
ONIONS											
Southport White Globe	4 7	Clear white	110	15	3	3	(For scallions sow thickly; thin to 1½ inches for boilers; 3 to 4 inches for large dry onions		4	½ 15c; ¼ oz. 35c; oz. 90c.	
Southport Yellow Globe	4	Deep yellow	110	15	3	3			4	½ 15c; ¼ oz. 35c.	
White Sweet Spanish	4 7	Pure white	110	15	4	3½			4	½ 15c; ¼ oz. 35c; oz. 90c.	
Yellow Sweet Spanish	4	Yellow brown	110	15	4	3½			4	½ 15c; ¼ oz. 35c.	
Sets, White and Yellow	4 6		85	15	3	3			4	lb. 35c; 4 lbs. \$1.30	
PARSLEY											
Extra Double Curled	4 6	Dark green	75	8			All 3, 21 days to sprout		2	½ 10c; oz. 40c.	
Hamburg, Long	4 6	Edible root	90	12		8	Called Heimischer	3	½ 10c; oz. 40c.		
Italian or Plain	4 6	Flat; green	72	12			Pinch stems to use	2	½ 10c; oz. 40c.		
PARSNIP											
Hollow Crown XXX	4 5	Cream white	120	20	2½	9	Sow thickly; thin out		3	½ 15c; oz. 35c.	
PEPPERS											
•California Wonder XXX	5 6	Deep green	72p	20	3½	4½	Thick walled flesh	F	18	Pkt. 15c; ¼ oz. 40c.	
•Worldbeater	5 6	Deep green	70p	20	3½	5	Avoid excess nitrate		18	Pkt. 15c; ¼ oz. 40c.	



Great Lakes XXX Lettuce

Golden Delight Muskmelon

Southport Yellow Globe Onions



Extra Double
Curled Parsley



California Wonder
XXX Peppers

FORBES VEGETABLE SEEDS

KEY TO SYMBOLS:

Numeral = number of month in year to sow seed or to set plants outdoors. 4 is April, 5 is May, 6 is June, etc.
 * Sow early and at intervals; and about July 15 for fall crops.
 • Sow indoors, 5-7 weeks before time to set plants in garden.
 p Days from setting plants out in your garden to picking.

**FOR PLANTS
SEE PAGE 8**

**See Chart
Inside
Back Cover**

Name	Key	Color	Eat in days	Ht. in.	Diam. in.	Long in.	Comments	F=best for freezing	Inches apart after thinning	Seed (ozs.) for a 50 ft. row	Pkt. and Wt. Price
PUMPKINS											
Connecticut Field (Hallow'n)	5 6	Deep orange	115		14	12	Apply Methoxychlor		18	Oz. 15c; oz. 35c.	
Large Cheese	5 6	Cream buff	105		12	6	from emergence on.		18	Oz. 15c; oz. 35c.	
Small Sugar	5 6	Red-orange	100		9	7	Best flavor in pies	F	18	Oz. 15c; oz. 35c.	
RADISHES											
*Icicle	4 9	Waxy white	30	6	1/2	5	Mild; brittle as ice		1	Oz. 10c; oz. 35c.	
*Scarlet Globe	4 9	Bright scarlet	23	5	1	1 1/2	(Sow red Radishes at 10-day intervals)		1	Oz. 10c; oz. 35c.	
*Scarlet Turnip White Tip	4 9	Red; white tip	25	5	1	1			1	Oz. 10c; oz. 35c.	
White Strasburg (Summer)	5 6	White; taper'd	40	6	1 1/2	5	Crisp, pungent flesh		2	Oz. 10c; oz. 35c.	
Round Bl'k. Spanish (Winter)	7 8	Black; rough	55	7	3	3	Pungent white flesh		3	Oz. 10c; oz. 35c.	
RUTABAGA											
Neckless	6 7	Yellow flesh	85	12	4	4	Best at 3 1/2 in. diam.	F	4	1/2 15c; oz. 35c.	
SALSIFY											
Mammoth Sandwich Island	4 5	White; tapered	150	12	1 1/4	8	(Vegetable Oyster)		2	Oz. 15c; 1/4 oz. 30c.	
SORREL											
Narrow Leaf	4 7	Tart; green	60	9			Cut off, will re-grow		1	Pkt. 15c.	
SPINACH											
*America	4 5	Dark green	48	7	10		(Grow best in cool weather)	F	6	Oz. 30c; 1/4 lb. 75c.	
*Long Standing Savoy	4 5	Deep green	43	8	11			F	6	Oz. 30c; 1/4 lb. 75c.	
Virginia Blight Resistant	7 8	Deep green	39	8	10		For fall crop only	F	6	Oz. 30c; 1/4 lb. 75c.	
New Zealand	4 5	Green; spreads	60	8	24		Hot weather variety		24	Oz. 15c; oz. 50c.	
SQUASH, SUMMER BUSH											
Cocozelle Long XXX	5 6	Green; striped	42		1 1/2	6	(Use Methoxychlor		36	1/2 15c; 1/4 oz. 25c; oz. 40c.	
Early Prolific Straightneck	5 6	Lemon yellow	39		2	6	Will yield steadily if	F	36	1/2 15c; 1/4 oz. 25c; oz. 40c.	
White Bush Scallop	5 6	Green-white	39		4	1 1/2	fruits kept picked	F	36	1/2 15c; 1/4 oz. 25c; oz. 40c.	
Zucchini Dark Green	5 6	Black-green	41		2	7	Best if used young	F	36	1/2 15c; 1/4 oz. 25c; oz. 40c.	
SQUASH, WINTER VINE											
Butternut	5 6	Cream tan	90		4	10	Fine when 7 in. long		18	Oz. 15c; 1/4 oz. 30c; oz. 75c.	
Des Moines or Acorn	5 6	Black-green	80		4 1/2	5	All 3 good keepers	F	18	Oz. 15c; oz. 40c.	
Warted Hubbard XXX	5 6	Dark green	110		8 1/2	13	Fine for pie, baking		18	Oz. 15c; oz. 40c.	
SWISS CHARD											
Fordhook Giant	4 5	Dark green	55	24			(Stands summer heat		8	Oz. 15c; oz. 40c.	
Lucullus	4 5	Bright green	50	24			Discard old leaves	F	8	Oz. 15c; oz. 40c.	
Rhubarb	4 5	Red stems	60	22			(Apply Nitrate Soda		8	Oz. 15c; oz. 40c.	
TOMATOES											
• Early Jersey	5 6	Bright red	69p								
• Golden Jubilee (less acid)	5 6	Gold-orange	80p								
• Italian Red Plum	5 6	Bright red	75p								
• Marglobe (Certified)	5 6	Bright scarlet	77p								
• Ponderosa (less acid)	5 6	Purple-pink	90p								
• Queens	5 6	Red; firm	75p								
• Rutgers (Certified)	5 6	Bright scarlet	80p								
TURNIPS											
Purple Top White Globe	4 8	White flesh	55	15							
Yellow Globe Green Top	4 8	Yellow flesh	75	14							
Seven Top for greens	4 8	Green leaves	45	12							
WATERMELON											
Dixie Queen	5 6	Green, mottled	85		12 1/2	15	Apply Methoxychlor		18	1/2 15c; oz. 35c.	
New Hampshire Midget	5 6	Pale green	65		5	7	Ideal icebox melon		12	1/2 20c; 1/4 oz. 40c.	



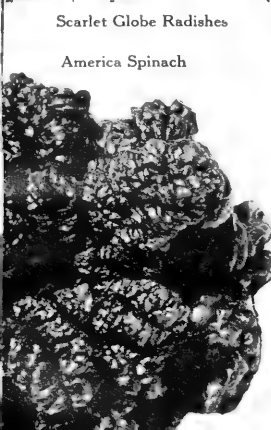
New Hampshire
Midget Watermelon



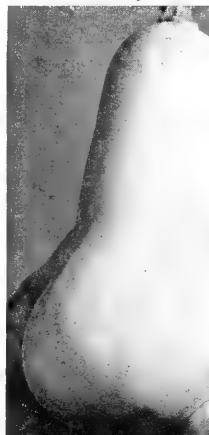
Queens Tomato



Scarlet Globe Radishes



America Spinach



Butternut Squash

TRY THESE FINE NEW FLOWERS FOR 1955

Here are some newly developed flowers for your garden, all easily grown from seed. Each is the best in its class ready to display its beauty of color and form for your gardening pleasure. Try them this spring.

ASTER, Powderpuffs, Mixed

A new Bouquet type with 2-foot, V-shaped plants one foot across, topped with 15 or 20 fully double "puff ball" cutflowers in all the delightful Aster colors. The entire plant may be cut and placed in one vase for an indoor bouquet. Pkt. 25c; $\frac{1}{16}$ oz. 70c.

PETUNIA, Crusader

The gay rose-pink stripes on the white petals of this fine F_1 hybrid make it the nicest of all fringed bicolors. The dwarf 12-inch plants are very free-flowering all summer and right up to frost. The rose-pink striping holds well even in the hot weather. Pkt. 50c; 3 for \$1.35.

AQUILEGIA, McKana's Giant Columbine, Mixed

This is the only perennial flower to win the coveted All-America Selection for 1955. It is a wonderful improvement with flowers 4 inches across and spurs 3 inches long on 3-foot plants. Pkt. 35c; $\frac{1}{16}$ oz. \$1.

MORNING GLORY, Candy Pink

A beautiful new color in Morning Glories—bright salmony rose-pink flowers all summer on strong growing 12-foot vines. These are free-flowering, bearing large flowers, over 3 inches in diameter, of this delightful pink companion for Heavenly Blue. Pkt. 15c; $\frac{1}{4}$ oz. 75c.

MYOSOTIS, Clausdel Blue

This annual Forget-me-not is hard to beat for summer bedding. Sow the seed in March or April for a mass of bright, light blue flowers on 12-inch plants from July on. The flowers are larger and more intense blue than the Perennial. Pkt. 25c.

PETUNIA, Popcorn

Really an improved Snowstorm, this variety has ruffled, pure white flowers up to 4 inches across but most important of all, these appear freely on compact dwarf plants one foot high. This dwarf plant habit makes Popcorn invaluable for edging or low borders. Pkt. 40c; 3 for \$1.

CELOSIA, Cristata Toreador

An All-America Winner for 1955, this has huge bright red cockscombs on stout 20-inch plants with light green foliage. It grows rapidly, loves hot weather and is pest free. When massed in a border it gives a stunning effect. Pkt. 25c.

SALVIA, Fireworks

Much like St. John's Fire in habit, this new strain has larger blooms, produces them earlier and holds them right up to frost. A bed of this shows much more vivid scarlet color and creates a striking display. The plants grow 12 inches high and are exceptionally uniform. Pkt. 25c; $\frac{1}{16}$ oz. \$1.35.

PETUNIA, Prima Donna

Another All-America Winner for 1955, this large-flowered, fringed F_1 hybrid is bright rose-pink, $3\frac{1}{2}$ inches across on compact 12-inch plants which grow about 20 inches broad. It is a splendid thing for massed beds and ideal for margins and rock gardens. Pkt. 50c; 3 for \$1.35.

SALVIA, Welwyn

A delightful change in Salvia, this is a mixture of soft colors including clear salmon pink, glistening white, lovely soft lilac, deep mahogany red, etc. Splendid for massed effects in your border for continuous bloom from summer until frost. Makes a wonderful subject to enter in fall Flower Shows. Pkt. 25c; $\frac{1}{16}$ oz. \$1.35.

SWEET PEA, Little Sweetheart

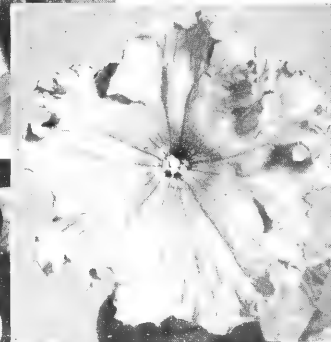
The first dwarf or bush Sweet Pea to be developed. It doesn't climb at all but forms a rounded bushy plant only 8 inches high, covered with Spencer type Sweet Peas. It is adaptable to margins, low borders and rock gardens. The flowers come in a sparkling mixture containing white, cream, salmon, rose, scarlet, crimson, maroon, mauve, lavender, and blue. Pkt. 25c.

PETUNIA, Silver Medal

Another recent All-America Winner with compact bushy plants, 12 inches high and 18 inches across, which carry many 3-inch single flowers opening salmon-cerise with a slight orange sheen and ageing pure salmon. Perhaps the most delightful color of all Petunias. Pkt. 50c; 3 for \$1.35.



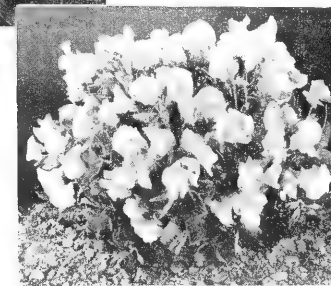
Crusader Petunia



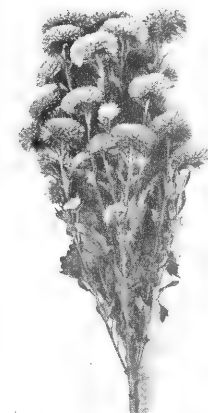
Prima Donna Petunia



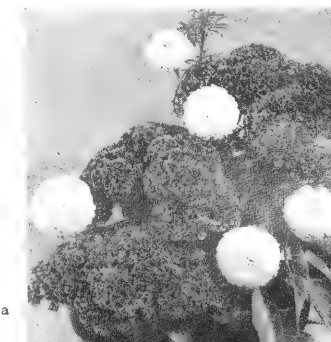
Popcorn Petunia



Little Sweetheart Sweet Pea



Powderpuffs Aster



Toreador Celosia

FORBES ANNUAL FLOWER SEEDS

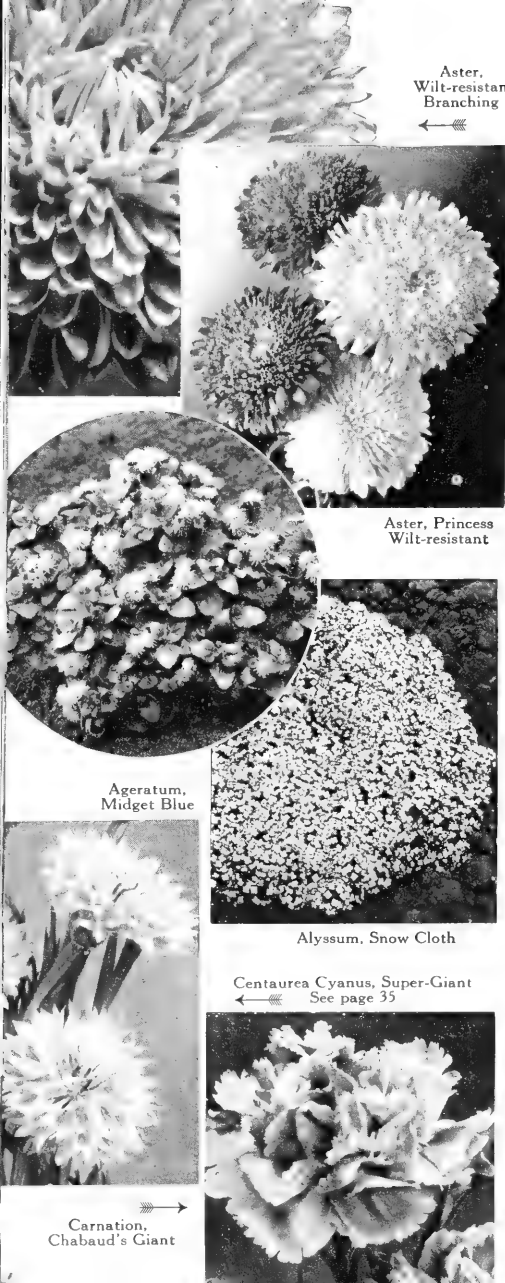
Aster,
Wilt-resistant
Branching

KEY TO SYMBOLS: x = climber; * dry for winter bouquets

1. Sow indoors Feb.-March in pots; outdoors in May when warm.
2. Sow where to bloom and thin out. Hard to transplant.
3. Sow also in Nov. for earliest bloom the following spring.
4. Sow outdoors in April when cool.
5. Sow outdoors in May when warm.
6. Cut old flowers or shear plants for more continuous bloom.

**FOR PLANTS
SEE PAGE 8**

Name	Key	Color	Height	Time of Bloom	Type Soil Preferred	O means full sun, ● half shade-half sun	Inches between plants	Weeks to germinate	USES				Pkt. and Wt. Price
									Edges, rock gardens	● = Cutting; F = Fragrant	Successive sowings	Window, porch boxes	
ACROCLINIUM Giant Double Hybrids	1 * 5	Pink, white shades	15 in.	June-frost	2, 4	○	6	2-3	•				15c; 1/4oz. 60c.
AGERATUM (Floss Flower)													
Blue Boy	1 5	Deep blue	6 in.	May-frost	2, 4	○ ●	9	3	•	•	•	•	20c; 1/4oz. 70c.
Blue Perfection	1 5	Amethyst blue	10 in.	May-frost	2, 4	○ ●	9	3	•	•	•	•	15c; 1/4oz. 50c.
Midget Blue (A.A.)	1 5	Ageratum blue	6 in.	May-frost	2, 4	○ ●	9	3	•	•	•	•	20c; 1/4oz. 80c.
ALYSSUM (Madwort)	3												
Carpet of Snow	4 6	Tiny white	5 in.	May-Sept.	1, 2, 4	○ ●	10	2	•	F	•	•	15c; 1/4oz. 50c.
Royal Carpet (A.A. 53)	4 6	Vibrant purple	3 in.	May-Sept.	1, 2, 4	○ ●	8	2	•	F	•	•	20c; 1/4oz. 65c.
Snow Cloth	4 6	Tiny white	6 in.	May-Sept.	1, 2, 4	○ ●	10	2	•	F	•	•	15c; 1/4oz. 50c.
Violet Queen XXX	4 6	Bright violet	6 in.	May-Sept.	1, 2, 4	○ ●	8	2	•	F	•	•	15c; 1/4oz. 50c.
AMARANTHUS (Foliage plant)													
Molten Fire	5	Bronze; red tops	3 ft.	June-frost	1DK	○	18	2-3					20c; 1/4oz. 60c.
Tricolor (Joseph's Coat)	5	Green, scarlet, gold	2 1/2 ft.	June-frost	1DK	○	18	2-3					15c; 1/4oz. 60c.
ARCTOTIS (African Daisy)													
Grandis	1 4	White; reverse lilac	2 ft.	July-frost	2, 4D	○	15	1-2	•				10c; 1/4oz. 50c.
Autumn Shades Hybrids	1 4	Fall colors	10 in.	July-frost	2, 4D	○	10	1-2	•				25c; 1/4oz. 70c.
ASTER, Wilt-Resistant	Dust	with DDT against Leaf Hoppers to avoid "Yellows"											
American Beauty Mixed	1 4	All colors; 5 inch	2 1/2-3 ft.	Aug.-Sept.	2, 4KM	○ ●	12	2-3	•				15c; 1/4oz. 70c.
Branching Azure Blue, Crimson, Shell-pink, Purple,	1 4	Specify which	2-2 1/2 ft.	Aug.-Sept.	2, 4KM	○ ●	12	2-3	•				15c; 1/4oz. 65c.
Rose, White and Mixed	1 4	of 6 colors at	2-2 1/2 ft.	Aug.-Sept.	2, 4KM	○ ●	12	2-3	•				15c; 1/4oz. 65c.
Early Giant Mixed	1 4	left, or Mixed	2-2 1/2 ft.	Aug.-Sept.	2, 4KM	○ ●	12	2-3	•				15c; 1/4oz. 65c.
Heart of France	1 4	Flat curly petals	1 1/2-2 ft.	Aug.-Sept.	2, 4KM	○ ●	12	2-3	•				20c; 1/4oz. 80c.
Powder Puffs Mixed	1 4	Ruby red	2 ft.	Aug.-Sept.	2, 4KM	○ ●	12	2-3	•				20c; 1/4oz. 85c.
Princess Mixed	1 4	Bouquet type	2 ft.	Aug.-Sept.	2, 4KM	○ ●	12	2-3	•				25c; 1/4oz. 70c.
	1 4	Crested centers	2-2 1/2 ft.	Aug.-Sept.	2, 4KM	○ ●	12	2-3	•				20c; 1/4oz. 70c.
ASTER, Not Wilt-Resistant													
California Giants, Mixed	1 4	Shaggy; 5 inch	3 ft.	Sept.-Oct.	2, 4KM	○ ●	12	2-3	•				15c; 1/4oz. 50c.
Gt. California Sunshine Mxd.	1 4	Pastels; quilled disc	2-3 ft.	Sept.-Oct.	2, 4KM	○ ●	12	2-3	•				20c; 1/4oz. 75c.
BALSAM (Lady Slipper)													
Double Camellia-fld. Mixed	5	White, pink shades	2 ft.	July-frost	2BS	○	15	2-3					15c; 1/4oz. 50c.
Dwarf Bush Torch	5	Vermilion-red	10 in.	July-frost	2BS	○	8	2-3	•				15c; 1/4oz. 50c.
Dwarf Bush Mixed	5	Red, rose, white	10 in.	July-frost	2BS	○	8	2-3	•				15c; 1/4oz. 50c.
CALEDULA (Pot Marigold)													
Lemon Queen	1 3												
Orange King	4 6	Soft yellow	18 in.	June-Nov.	1, 2, 4	○ ●	9	2-3	•				15c; 1/4oz. 50c.
Double Bedding Mixed	4 6	Deep red-orange	18 in.	June-Nov.	1, 2, 4	○ ●	9	2-3	•				15c; 1/4oz. 50c.
	4 6	Orange, yellow	18 in.	June-Nov.	1, 2, 4	○ ●	9	2-3	•				15c; 1/4oz. 50c.
CALLIOPSIS	3 6												
Dwarf Mixed	2 4	Various; bicolors	12 in.	June-Sept.	1D, 2S	○	8	2-4	•	•	•		10c; 1/4oz. 25c.
CANDYTUFT	2 3												
Dwarf Umbellata Mixed	4 6	Various pastels	10 in.	June-Sept.	2, 4M	○	6	1-3	•	F	•		10c; 1/4oz. 50c.
Giant White Hyacinth-fld.	4 6	White	12 in.	June-Sept.	2, 4M	○	8	1-3	•	F	•		15c; 1/4oz. 50c.
CANTERBURY BELLS													
Mixed Hybrids (A.A.)		Blue, pink, white	2 ft.	Sept.-frost	2, 4	○ ●	12	2					15c; 1/4oz. 65c.
CARDINAL CLIMBER	5 x	Cardinal-red	15 ft.	July-frost	2	○	18	2-3					20c; 1/4oz. 50c.
CARNATION													
Chabaud's Giant Mixed	1 4	Various colors	20 in.	July-frost	2, 4B	○	8	2-3	•	F			20c; 1/4oz. 50c.



Centaurea Cyanus, Super-Giant
See page 35

Carnation,
Chabaud's Giant

FORBES ANNUAL FLOWER SEEDS

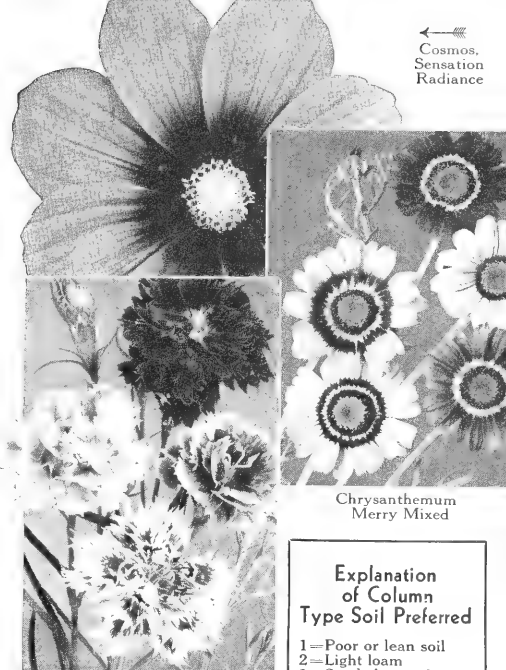
←
Cosmos,
Sensation
Radiance

KEY TO SYMBOLS: x = climber; * dry for winter bouquets.

1. Sow indoors Feb.-March in pots; outdoors in May when warm.
2. Suw where to bloom and thin out. Hard to transplant.
3. Sow also in Nov. for earliest bloom the following spring.
4. Sow outdoors in April when cool.
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**FOR PLANTS
SEE PAGE 8**

Name	Key	Color	Height	Time of Bloom	Type Soil Preferred	○ means full sun ◐ half shade-half sun	Inches between plants	Weeks to germinate	Edges, rock gardens	• = Cutting; F = Fragrant	Successive sowings	Window, porch boxes	Pkt. and Wt. Price
CELOSIA (Cockscumb)	*												
Cristata, Dwarf Empress	1 5	Crimson combs	10 in.	July-frost	2, 4MW	○	8	1-2	•	•			15c; 1/8oz. 40c.
Cristata, Dwarf Mixed	1 5	Various colors	10 in.	July-frost	2, 4MW	○	8	1-2	•	•			15c; 1/8oz. 40c.
Cristata, Toreador	1 5	Huge bright red	20 in.	July-frost	2, 4MW	○	10	1-2	•	•			25c.
Plumosa, Golden Fleece	1 5	Yellow plumes	2 1/2 ft.	July-Sept.	2, 4MW	○	10	1-2	•	•			15c; 1/8oz. 50c.
Pampas Plume, Mixed	1 5	Various colors	2 1/2 ft.	July-Sept.	2, 4MW	○	10	1-2	•	•			20c; 1/8oz. 60c.
Pyramidalis, Fiery Feather	1 5	Fiery red	12 in.	July-frost	2, 4MW	○	8	1-2	•	•			15c; 1/8oz. 60c.
Pyramidalis, Golden Feather	1 5	Golden yellow	12 in.	July-frost	2, 4MW	○	8	1-2	•	•			15c; 1/8oz. 60c.
CENTAUREA (Cornflower)	1 3												
Cyanus, Dwarf Jubilee Gem	4 6	Double; deep blue	12 in.	June-frost	2, 4DK	○	8	1-3	•	•	•		15c; 1/8oz. 55c.
Cyanus, Dwarf Mixed	4 6	Double; all colors	12 in.	June-frost	2, 4DK	○	8	1-3	•	•	•		15c; 1/8oz. 50c.
Cyanus, Blue Boy	4 6	Double; deep blue	2 1/2 ft.	June-frost	2, 4DK	○	10	1-3	•	•	•		15c; 1/8oz. 40c.
Cyanus, Super-Giant Mixed	4 6	Double; all colors	2 1/2 ft.	June-frost	2, 4DK	○	10	1-3	•	•	•		15c; 1/8oz. 40c.
Imperialis Mxd (Sweet Sultan)	4 6	Fluffy, all colors	2 1/2 ft.	June-frost	1, 2DK	○	12	2-4	•	F	•		20c; 1/8oz. 75c.
CHRYSANTHEMUM													
Carinatum, Merry Mixed	1 4	Various zoned	20 in.	July-frost	2, 4BS	○	12	2-5	•				15c; 1/8oz. 80c.
CLARKIA	3												
Elegans, Double Mixed	1 4	All soft shades	2 ft.	July-frost	2S	◐	8	1-2	•				15c; 1/8oz. 55c.
CLEOME (Spider Flower)	3												
Giant Pink Queen	4 6	Pink	3 1/2 ft.	July-frost	1, 2S	○	12	1-2					15c; 1/8oz. 50c.
CORN, ORNAMENTAL													
Indian Squaw	* 5	Variegated ears	5 ft.	Aug.-Sept.	2, 4M	○	8	1-2					Oz. 20c; 1/4lb. 55c.
COSMOS	3												
Dwarf Early Mixed	1 4	Red, pink, white	4 ft.	July-frost	1, 2D	○	18	1-2	•				15c; 1/8oz. 55c.
Early Double Mixed	1 4	Red, pink, white	4 ft.	July-frost	1, 2D	○	18	1-2	•				20c; 1/8oz. 75c.
Fiesta (A.A. 52)	1 4	Golden yellow	2 1/2-3 ft.	July-frost	1, 2D	○	15	1-2	•				15c; 1/8oz. 50c.
Sensation, Dazzler	1 4	Deep crimson	4 ft.	July-frost	1, 2D	○	18	1-2	•				15c; 1/8oz. 65c.
Sensation, Radiance (A.A.)	1 4	Rose, crimson eye	4 ft.	July-frost	1, 2D	○	18	1-2	•				15c; 1/8oz. 65c.
Sensation, Mixed	1 4	All colors	4 ft.	July-frost	1, 2D	○	18	1-2	•				15c; 1/8oz. 65c.
CYNOGLOSSUM (Chinese Firmament (A.A.) get-me-not)	4 6	Bright blue	15 in.	June-Sept.	2, 4D	○	10	2-3	•				15c; 1/8oz. 35c.
DAHLIA													
Unwin's XXX Dwarf Hybrids	1 5	Various colors	2 ft.	July-frost	4HMS	○	12	2-3	•				20c; 1/8oz. 70c.
DIANTHUS (Pinks)	3												
Chinensis, Double Mixed	1 4	Various colors	12 in.	June-frost	2, 4, 5M	○	6	2-3	•	F			15c; 1/8oz. 40c.
Double Fringed Mixed	1 4	Various colors	12 in.	June-frost	2, 4, 5M	○	6	2-3	•	F			15c; 1/8oz. 65c.
Single Fringed Gaiety Mxd.	1 4	Various colors	12 in.	June-frost	2, 4, 5M	○	6	2-3	•	F			15c.
DIDISCUS (Blue Lace Flower)	2												
Caerulea	1 5	Pale azure-blue	2 1/2 ft.	July-Nov.	2, 4MW	○	12	2-3	•				15c.
DIMORPHOTHECA (African D)													
Aurantica, Mixed	1 4	Yellow, orange	12 in.	July-frost	2, 4D	○	12	2-3	•	•	•		15c; 1/8oz. 55c.
ESCHSCHOLTZIA (California Monarch Art Mixed Poppy)	3												
Art Shades	2 4	Art Shades	12 in.	June-Nov.	1, 2D	○	8	2-3	•	•			15c; 1/8oz. 50c.
EUPHORBIA													
Variegata (Snow-on-Mountain)	4	Green, white edge	2 ft.	Foliage only	2, 4D	○	10	2-3					10c; 1/8oz. 25c.
GAILLARDIA (Blanket Flower)	3												
Lorenziana, Double Mixed	2 4	Various colors	18 in.	June-frost	1, 2D	○	12	2-3	•				10c; 1/8oz. 55c.



Chrysanthemum Merry Mixed

Explanation of Column Type Soil Preferred

- 1 = Poor or lean soil
- 2 = Light loam
- 3 = Sandy loam + humus
- 4 = Medium loam
- 5 = Heavy or clay loam

- B = Water in drought
- D = Dry
- H = Humus or peat
- K = Lime or alkaline
- M = Manure, fertilizer
- P = Poor, no manure
- S = Sandy or gritty
- W = Moist or wet

Dianthus chinensis Double Mixed



Didiscus caerulea



Dahlia, Unwin's XXX Dwarf Hybrids

FORBES ANNUAL FLOWER SEEDS

KEY TO SYMBOLS: x = climber; * dry for winter bouquets

1. Sow indoors Feb.-March in pots; outdoors in May when warm.
2. Sow where to bloom and thin out. Hard to transplant.
3. Sow also in Nov. for earliest bloom the following spring.
4. Sow outdoors in April when cool.
5. Sow outdoors in May when warm.
6. Cut old flowers or shear plants for more continuous bloom.

**FOR PLANTS
SEE PAGE 8**

Name	Key	Color	Height	Time of Bloom	Type soil Preferred	O means full sun @ half shade-half sun	Inches between plants	Weeks to germinate	Edges, rock gardens	USES			Pkt. and Wt. price
										● = Cutting; F = Fragrant	Successive sowings	Window, porch boxes	
GLOBE AMARANTH Gomphrena, Mixed	* 5	Various colors	18 in.	July-frost	2, 4	O	10	2-3	●				10c; 1/4oz. 25c.
GOURDS, ORNAMENTAL Small Varieties Mixed	5 x	Various shapes	12 ft.	Aug.-Sept.	2, 4MS	O	72	2-3					15c; 1/2oz. 65c.
GYPSOPHILA (Baby's Breath) White Covent Garden Market	* 4 2 3	Small white stars	2 ft.	July-Aug.	2, 4K	O	8	2-3	● ●				10c; oz. 40c.
HELIANTHUS (Sunflower) Sun Gold	2 5	Dbf. golden yellow	5 ft.	Aug.-frost	2, 4, 5D	O	15	2-3					15c; 1/4oz. 40c.
Mammoth Russian	2 5	Golden yellow	8-10 ft.	Aug.-frost	2, 4, 5D	O	24	2-3					Oz. 10c.
HELICHRYSUM (Strawflower) Monstrosum, Mixed	1 * 5	Various colors	2 1/2 ft.	July-frost	2, 4M	O	12	2-3	●				10c; 1/4oz. 60c.
KOCHIA (Summer Cypress) Tricophylla	2 4 5	Light green bush	2 1/2 ft.	Red in fall	2, 4DM	O	12	1-2					10c; oz. 60c.
LARKSPUR, Giant Imperial Blue Bell (A.A.)	3 1 4	Azure-blue	3 ft.	June-Sept.	2, 4D	O	8	3-4	● F ●				15c; 1/4oz. 70c.
Blue Spire	1 4	Deep Oxford blue	3 ft.	June-Sept.	2, 4D	O	8	3-4	● F ●				15c; 1/4oz. 70c.
Brilliant Rose	1 4	Deep salmon-rose	3 ft.	June-Sept.	2, 4D	O	8	3-4	● F ●				15c; 1/4oz. 70c.
Exquisite Pink Improved	1 4	Soft salmon-pink	3 ft.	June-Sept.	2, 4D	O	8	3-4	● F ●				15c; 1/4oz. 70c.
Exquisite Rose	1 4	Rose-pink	3 ft.	June-Sept.	2, 4D	O	8	3-4	● F ●				15c; 1/4oz. 70c.
Lilac King	1 4	Soft lilac	3 ft.	June-Sept.	2, 4D	O	8	3-4	● F ●				15c; 1/4oz. 70c.
White King	1 4	Pure white	3 ft.	June-Sept.	2, 4D	O	8	3-4	● F ●				15c; 1/4oz. 70c.
Giant Imperial Mixed	1 4	All colors	3 ft.	June-Sept.	2, 4D	O	8	3-4	● F ●				15c; 1/4oz. 70c.
Supreme Mixed	1 4	All colors	4 ft.	June-Sept.	2, 4D	O	8	3-4	● F ●				15c; 1/4oz. 55c.
LOBELIA Crystal Palace Compacta	1 6	Dark blue	6 in.	July-frost	2, 4B	O	6	2-3	●				15c; 1/4oz. 50c.
LUPINUS HARTWEGI (Lupine) Giant King Hybrids Mixed	2 6 4 5	Blue, rose & white	2 1/2 ft.	June-Aug.	2, 4S	O @	12	1-2	●	●			15c; 1/4oz. 50c.
MARIGOLD, Large-flowered African Super Alldouble Mxd.	1 5	Yellow, orange tones	3 ft.	July-frost	2, 4, 5D	O	15	1-2	●				15c; 1/2oz. 60c.
Dwarf Giant, Gypsy Jewels	1 5	Orange, yellow tones	15 in.	July-frost	2, 4, 5D	O	15	1-2	●				15c; 1/4oz. 50c.
Dwarf Giant, Pot o' Gold	1 5	Golden orange	15 in.	July-frost	2, 4, 5D	O	15	1-2	●				15c; 1/4oz. 50c.
Fluffy Ruffles	1 5	Pure gold	20 in.	July-frost	2, 4, 5D	O	15	1-2	●				15c; 1/4oz. 60c.
Full-Double Orange	1 5	Orange; 5-inch	2 1/2 ft.	July-frost	2, 4, 5D	O	15	1-2	●				15c; 1/2oz. 55c.
Glitters (A.A.)	1 5	Clear yellow; 4 in.	2 1/2 ft.	July-frost	2, 4, 5D	O	15	1-2	●				15c; 1/4oz. 50c.
Guinea Gold (A.A.)	1 5	Orange and gold	2 1/2 ft.	July-frost	2, 4, 5D	O	15	1-2	●				15c; 1/4oz. 75c.
Mammoth Mum (A.A.)	1 5	Sulphur-yellow	2 1/2 ft.	July-frost	2, 4, 5D	O	15	1-2	●				15c; 1/2oz. 50c.
Man-in-the-Moon	1 5	Pale moon-yellow	3 ft.	July-frost	2, 4, 5D	O	15	1-2	●				20c; 1/4oz. 60c.
Mission Giant, Goldsmith	1 5	Golden orange	2 1/2 ft.	July-frost	2, 4, 5D	O	15	1-2	●				15c; 1/2oz. 60c.
Mission Giant, Yellowstone	1 5	Golden yellow	2 1/2 ft.	July-frost	2, 4, 5D	O	15	1-2	●				15c; 1/2oz. 60c.
Sunset Giants, Mixed	1 5	Orange, yellow tones	4 ft.	July-frost	2, 4, 5D	O	15	1-2	●				15c; 1/2oz. 50c.
Yellow Supreme	1 5	Creamy lemon	2 1/2 ft.	July-frost	2, 4, 5D	O	15	1-2	●				15c; 1/2oz. 55c.
MARIGOLD, Small-flowered Extra-Dwarf Double French	1 5	Golden yellow	9 in.	June-frost	1, 2, 4D	O	8	1-2	● ●				15c; 1/2oz. 50c.
Gold Crest	1 5	Lemon yellow	9 in.	June-frost	1, 2, 4D	O	8	1-2	● ●				20c; 1/4oz. 50c.
Lemondrop (NEW)	1 5	Mahogany & yel.	9 in.	June-frost	1, 2, 4D	O	8	1-2	● ●				15c; 1/2oz. 50c.
Spry (A.A.)	1 5	Deep orange	9 in.	June-frost	1, 2, 4D	O	8	1-2	● ●				15c; 1/2oz. 50c.
Sunkist	1 5	Light yellow	8 in.	June-frost	1, 2, 4D	O	8	1-2	● ●				15c; 1/2oz. 50c.
Yellow Pygmy (A.A.)	1 5	All colors	9 in.	June-frost	1, 2, 4D	O	8	1-2	● ●				15c; 1/2oz. 50c.
Ex.-Dwf. Dbf. French Mxd.	1 5	All colors	9 in.	June-frost	1, 2, 4D	O	8	1-2	● ●				15c; 1/2oz. 50c.

Gaillardia
Lorenziana,
Double. See page 35

Kochia trichophylla

Larkspur, Giant Imperial
White King

Helicrysum monstrosum

Marigold, Mammoth Mum

Marigold,
Full-Double Orange

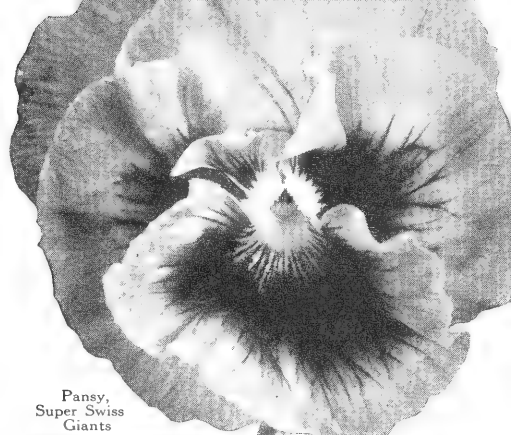
FORBES ANNUAL FLOWER SEEDS

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**FOR PLANTS
SEE PAGE 8**

KEY TO SYMBOLS: x = climber; * dry for winter bouquets.						FOR PLANTS SEE PAGE 8										USES			
						☉ means full sun ☉ half shade-half sun	Inches between plants	Weeks to germinate	Edges, rock gardens	● = Cutting; F = Fragrant	Successive sowings	Window, porch boxes							
Name	Key	Color	Height	Time of Bloom	Type Soil Preferred								Pkt. and Wt. Price						
MARIGOLD, Small-flowered																			
Extra Dwarf Double African	1 5	Golden yellow	6 in.	June-frost	1, 2, 4D	○	8	1-2	● ●				20c; 1/16oz. 80c.						
Golden Cupid	1 5	Golden orange	6 in.	June-frost	1, 2, 4D	○	8	1-2	● ●				20c; 1/16oz. 80c.						
Orange Cupid	1 5	Primrose yellow	6 in.	June-frost	1, 2, 4D	○	8	1-2	● ●				20c; 1/16oz. 80c.						
Yellow Cupid	1 5	Primrose yellow	6 in.	June-frost	1, 2, 4D	○	8	1-2	● ●				20c; 1/16oz. 80c.						
Dwarf Double French																			
Harmony	1 5	Maroon & orange	12 in.	June-frost	1, 2, 4D	○	10	1-2	● ●				15c; 1/4oz. 75c.						
Scarlet Glow (A.A.)	1 5	Scarlet-tangerine	10 in.	June-frost	1, 2, 4D	○	10	1-2	● ●				15c; 1/8oz. 50c.						
Dwarf Single French																			
Flash (A.A.)	1 5	Tangerine-red	14 in.	June-frost	1, 2, 4D	○	12	1-2	● ●				15c; 1/8oz. 50c.						
Naughty Marietta	1 5	Golden; red center	18 in.	June-frost	1, 2, 4D	○	12	1-2	● ●				15c; 1/8oz. 50c.						
Redhead	1 5	Mahog.; gold eye	15 in.	June-frost	1, 2, 4D	○	10	1-2	● ●				15c; 1/8oz. 50c.						
Sunny	1 5	Vibrant yellow	15 in.	June-frost	1, 2, 4D	○	10	1-2	● ●				15c; 1/8oz. 50c.						
MARVEL OF PERU																			
Four o'Clock, Fine Mixed	5	Various colors	2 ft.	June-frost	1D	○	15	2-3					10c; oz. 65c.						
MIGNONETTE																			
Old Fashioned Sweet-Scented	2 4	Green, red, yellow	12 in.	June-frost	2, 4M	○ ⊗	6	2-3	● F	●			10c; 1/4oz. 35c.						
MOONFLOWER																			
Giant White	1 5	White; 5 inch	15 ft.	July-frost	1, 2	○	36	3-4		F			10c; 1/4oz. 35c.						
MORNING GLORY																			
Candy Pink (New)	1 5	Salmon rose pink	12 ft.	July-frost	1D	○	24	2-3					15c; 1/4oz. 75c.						
Cornell	1 5	Red edged white	12 ft.	July-frost	1D	○	24	2-3					15c; 1/8oz. 40c.						
Heavenly Blue, Early-fld.	1 5	Clear sky-blue	12 ft.	July-frost	1D	○	24	1-3					15c; 1/4oz. 35c.						
Pearly Gates (A.A.)	1 5	White	12 ft.	July-frost	1D	○	24	2-3					15c; 1/8oz. 40c.						
Climbing Scarlett O'Hara	1 5	Rosy crimson	12 ft.	July-frost	1D	○	24	2-3					15c; 1/8oz. 40c.						
MYOSOTIS (Forget-me-not)																			
Oblongata, Clausdel Blue	1 4	Bright blue	10 in.	July	2, 4HW	○ ⊗	8	2-3	●			●	25c.						
NASTURTIUM																			
Climbing Single Mixed	4 5	Bright colors	6-8 ft.	June-frost	1D	○	10	2-3	●				1/4oz. 10c; oz. 35c.						
Dwarf Single Mixed	4 5	Bright colors	12 in.	June-frost	1D	○	10	1-2	●			●	1/4oz. 10c; oz. 35c.						
Dwf. Semi-Dbf. Gem Mixed	4 5	Bright colors	12 in.	June-frost	1D	○	10	2-3	●			●	1/4oz. 15c; oz. 50c.						
Double Gleam Mixed	4 5	Bright colors	15 in.	June-frost	1D	○	10	2-3	●	● F		●	1/4oz. 15c; oz. 40c.						
NICOTIANA (Fl. Tobacco)																			
Afinis White	1 5	Pure white	2-3 ft.	June-frost	2M	○ ⊗	12	1-2	F				15c; 1/4oz. 50c.						
Crimson Bedder	1 5	Pale crimson	15 in.	June-frost	2M	○ ⊗	10	1-2	F				15c; 1/8oz. 50c.						
Daylight Sensation Mixed	1 5	Various colors	2 1/2 ft.	June-frost	2M	○ ⊗	12	1-2	F				15c; 1/4oz. 35c.						
NIEREMBERGIA (Cup Flower)																			
Purple Robe (A.A.)	1	Deep violet-purple	6 in.	June-frost	2, 4	○	10	2-3	●			●	25c; 1/128oz. 70c.						
NIGELLA (Love-in-a-Mist)																			
Miss Jekyll	3 4	Cornflower-blue	18 in.	May-Sept.	2, 4D	○	8	2-3	● ●				15c.						
PANSY (Biennial)																			
Engelmann's Giant	4 6	Various colors	8 in.	May-Nov.	2, 4MW	○ ⊗	6	2-3	● ● F			●	50c; 1/16oz. \$1.80						
Forbes Big Beauties	4 6	Various colors	8 in.	May-Nov.	2, 4MW	○ ⊗	6	2-3	● ● F			●	35c; 1/16oz. \$1						
Super Swiss Giants Mixed	4 6	Various colors	8 in.	May-Nov.	2, 4MW	○ ⊗	6	2-3	● ● F			●	35c; 1/16oz. \$1.35						
PHLOX Drummondii																			
Large-fld. Very Dwarf Mixed	1 4	Various colors	6 in.	July-frost	2, 4	○ ⊗	6	2-3	● ● F	● ●			15c; 1/16oz. 50c.						
POPPY																			
Double Shirley Mixed	2 4	Various colors	18 in.	June-frost	2S	○	12	1-2	● ●				10c.						
Single Shirley Mixed	2 4	Various colors	18 in.	June-frost	2S	○	12	1-2	● ●				10c.						



Pansy,
Super Swiss
Giants

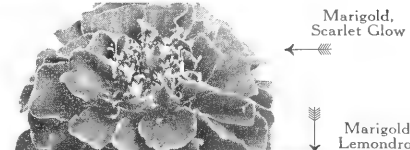


Nicotiana, Daylight Sensation

Explanation of Column Type Soil Preferred

- 1—Poor or lean soil
- 2—Light loam
- 3—Sandy loam + humus
- 4=Medium loam
- 5=Heavy or clay loam

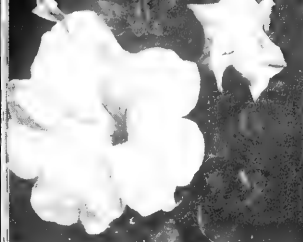
B=Water in drought
D=Dry
H=Humus or peat
K=Lime or alkaline
M=Manure, fertilizer
P=Poor, no manure
S=Sandy or gritty
W=Moist or wet



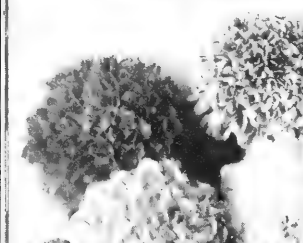
Marigold,
Scarlet Glow



Marigold,
Lemondrop



Petunia, Popcorn



Scabiosa,
Giant Imperial
Hybrids



Portulaca, All-Double, Mixed



Petunia, Little Giants

Snapdragon,
Super Giant



FORBES ANNUAL FLOWER SEEDS

KEY TO SYMBOLS: x = climber; * dry for winter bouquets.

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2. Sow where to bloom and thin out. Hard to transplant.
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**FOR PLANTS
SEE PAGE 8**

Name	Key	Color	Height	Time of Bloom	Type Soil Preferred	O means full sun @ half shade-half sun	Inches between plants	Weeks to germinate	USES				Pkt. and Wt. Price
									Edges, rock gardens	● = Cutting; F = Fragrant	Successive sowings	Window, porch boxes	
PETUNIA, Balcony Balcony Mixed	1 3 4 5	All colors	18 in.	June-frost	1,2,4BH	O	15	1-2	■	■	20c; 1/8 oz. 65c.		
PETUNIA, Single Dwarf	1 3												
Blue Mound	4 5	Bright mid-blue	12 in.	June-frost	1,2,4BH	O	12	1-2	●	●	20c; 1/8 oz. 60c.		
Celestial Rose, Improved	4 5	Rose-pink	13 in.	June-frost	1,2,4BH	O	12	1-2	●	●	20c; 1/8 oz. 80c.		
Comanche	4 5	Vivid scarlet-red	13 in.	June-frost	1,2,4BH	O	12	1-2	●	●	50c; 3 for \$1.25		
Elk's Star	4 5	Purple; white stars	12 in.	June-frost	1,2,4BH	O	12	1-2	●	●	25c; 1/8 oz. \$1.55		
Fire Chief (A.A.)	4 5	Spectrum red	13 in.	June-frost	1,2,4BH	O	12	1-2	●	●	20c; 1/8 oz. 55c.		
Little Giants Mixed	4 5	All colors, ruffled	10 in.	June-frost	1,2,4BH	O	12	1-2	●	●	50c; 1/2 oz. \$1.10		
Rosy Morn, Dwarf	4 5	Rose; white throat	10 in.	June-frost	1,2,4BH	O	12	1-2	●	●	20c; 1/8 oz. 65c.		
Silver Medal (A.A.)	4 5	Deep salmon	12 in.	June-frost	1,2,4BH	O	12	1-2	●	●	50c; 3 for \$1.35		
Snowball Improved	4 5	Pure white	12 in.	June-frost	1,2,4BH	O	12	1-2	●	●	25c; 1/8 oz. 70c.		
Velvet Ball (A.A.)	4 5	Deep blood red	10 in.	June-frost	1,2,4BH	O	12	1-2	●	●	30c; 1/2 oz. 65c.		
Viola	4 5	Deep violet	13 in.	June-frost	1,2,4BH	O	12	1-2	●	●	20c; 1/8 oz. 65c.		
Single Dwarf Mixed	4 5	All colors	12 in.	June-frost	1,2,4BH	O	12	1-2	●	●	20c; 1/8 oz. 70c.		
PETUNIA, Large Single													
F. Ballerina (Fringed) (A.A.)	1	Deep salmon-pink	10 in.	June-frost	2, 4BH	O	12	1-2	●	●	50c; 3 for \$1.35		
Crusader (Fringed)	1	White; rose stripe	12 in.	June-frost	2, 4BH	O	12	1-2	●	●	50c; 3 for \$1.35		
Dwf. California Giants Mixed	1	All colors; ruffled	12 in.	June-frost	2, 4BH	O	12	1-2	●	●	50c; 3 for \$1.35		
Dwarf Elk's Pride	1	Deep violet-blue	12 in.	June-frost	2, 4BH	O	12	1-2	●	●	30c; 3 for 75c.		
La Paloma (Fringed)	1	Pure white	12 in.	June-frost	2, 4BH	O	12	1-2	●	●	50c; 3 for \$1.35		
Popcorn (New)	1	Pure white	10 in.	June-frost	2, 4BH	O	12	1-2	●	●	40c; 3 for \$1		
F. Prima Donna (Fringed)	1	Bright rose-red	12 in.	June-frost	2, 4BH	O	12	1-2	●	●	50c; 3 for \$1.35		
Snowstorm	1	Pure white, waved	12 in.	June-frost	2, 4BH	O	12	1-2	●	●	30c; 3 for 75c.		
PETUNIA, Double Fringed													
All Dbl. Dwarf Glorious Mxd.	1	All colors, 5-inch	12 in.	June-frost	2, 4BH	O	12	1-2	●	●	\$1; 3 for \$2.75		
PORTULACA (Moss Rose)													
All-Double XXX Mixed	1 5	All colors	6 in.	June-frost	1, 2DS	O	6	2-3	●	●	20c; 1/8 oz. 60c.		
Single Mixed	1 5	All colors	6 in.	June-frost	1, 2DS	O	6	2-3	●	●	15c; 1/8 oz. 35c.		
RICINUS (Castor Oil Bean)													
Zanzibarensis, Mixed	5	Green and bronze	10 ft.	July-frost	4, 5MW	O	36	3-4			20c; oz. 60c.		
SALPIGLOSSIS (Painted Candelabra Mixed Tongue)	1 2 4 5	All colors, veined	2 1/2 ft.	July-frost	2, 4S	O @	9	2	●		15c.		
SALVIA (Sage)													
Bonfire	1 5	Scarlet spikes	2 ft.	July-frost	2, 4, 5D	O	15	2-3			20c; 1/8 oz. \$1.35		
Farinacea, Blue Bedder	1 5	Lavender-blue	3 ft.	July-frost	2, 4	O	10	2-3	●		20c; 1/8 oz. 60c.		
Fireworks	1 5	Bright red spikes	12 in.	July-frost	2, 4, 5D	O	8	2-3	●		25c; 1/8 oz. \$1.35		
Welwyn Mixed	1 5	Mixed colors	2 ft.	July-frost	2, 4, 5D	O	10	2-3			25c; 1/8 oz. \$1.35		
SCABIOSA (Pincushion Flower)	1 6												
Giant Imperial, Blue Moon	4 5	Lavender-blue	2 1/2 ft.	June-frost	2, 4	O	12	2-3	●	F	15c.		
Giant Imperial Mixed	4 5	All shades	2 1/2 ft.	June-frost	2, 4	O	12	2-3	●	F	15c; 1/4 oz. 80c.		
SNAPDRAGON, Rust-resistant	1 3												
Super Giant Alaska	5 6	Pure white	3 ft.	July-frost	2, 4, 5	O @	12	1-2	●	F	20c; 1/8 oz. 60c.		
Super Giant, Canary Bird	5 6	Canary yellow	3 ft.	July-frost	2, 4, 5	O @	12	1-2	●	F	20c; 1/8 oz. 60c.		
Super Giant, Crimson	5 6	Dark foliage	3 ft.	July-frost	2, 4, 5	O @	12	1-2	●	F	20c; 1/8 oz. 60c.		
Super Giant, Pink Sensation	5 6	Clear pink	3 ft.	July-frost	2, 4, 5	O @	12	1-2	●	F	20c; 1/8 oz. 60c.		
Super Giants Mixed	5 6	All colors	3 ft.	July-frost	2, 4, 5	O @	12	1-2	●	F	20c; 1/8 oz. 60c.		
Half Dwarf Mixed	5 6	All colors	18 in.	July-frost	2, 4, 5	O @	9	1-2	●	F	20c; 1/8 oz. 80c.		
SNAPDRAGON, Non-resistant	1 3												
Magic Carpet Mixed	5 6	All colors, tiny	6 in.	July-frost	2, 4	O @	6	1-2	●	F	20c; 1/8 oz. 65c.		
Giant Ruffled Tetra Mixed	5 6	All colors; huge	3 ft.	July-frost	2, 4, 5	O @	12	1-2	●	F	25c; 1/8 oz. \$1.10		

FORBES ANNUAL FLOWER SEEDS

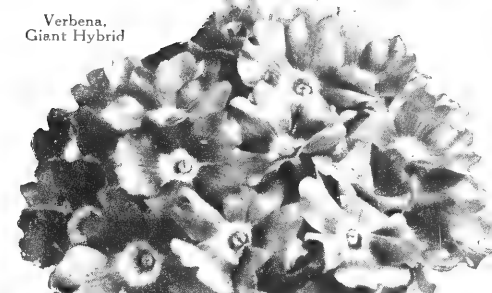
KEY TO SYMBOLS: x = climber; * dry for winter bouquets.

1. Sow indoors Feb.-March in pots; outdoors in May when warm.
2. Sow where to bloom and thin out. Hard to transplant.
3. Sow also in Nov. for earliest bloom the following spring.
4. Sow outdoors in April when cool.
5. Sow outdoors in May when warm.
6. Cut old flowers or shear plants for more continuous bloom.

**FOR PLANTS
SEE PAGE 8**

Name	Key	Color	Height	Time of Bloom	Type Soil Preferred	O means full sun @ half shade-half sun	Inches between plants	Weeks to germinate	Edges, rock gardens	USES			Pkt. and Wt. Price
										• Cutting; F=Fragment	• Successive sowings	Window, porch boxes	
STAR OF TEXAS	2 4	Canary yellow	18 in.	July-frost	2, 4D	O	15	2-3	• •				20c.
STATICE (Sea-Lavender) Sinuata Mixed	* 4	Delicate colors	2 ft.	July-Sept.	2, 4DS	O	12	2-3	•				10c; 1/2oz. 55c.
STOCKS (Gilliflower) Giant Bismarck Mixed	1	Pastel colors	2 ft.	July-frost	2B	@	12	2	• F				15c; 1/16oz. 60c.
SWEET PEAS	2 3												
Early Flowering Mixed	4 x	All colors	5-7 ft.	May-June	5MW	O	6	2	• F				15c; 1/2oz. 40c.
Giant Spencer Mixed	4 x	All colors	5-7 ft.	June-July	5MW	O	6	2	• F				15c; 1/2oz. 55c.
Spring-flowering Mixed	4 x	All colors	5-7 ft.	May-July	5MW	O	6	2	• F				15c; 1/2oz. 40c.
Little Sweetheart, Mixed	4	All colors; dwarf	8 in.	May-July	5MW	O	10	2	• F				25c; 1/4oz. \$1
TAHOKA DAISY	4	Lavender-blue	18 in.	June-frost	2, 4D	O	12	2-3	•				15c.
THUNBERGIA Black-eyed Susan Mixed	1 5	Cream to orange	4 ft.	July-frost	2, 4H	O	12	2-3	•				20c; 1/4oz. 75c.
TITHONIA (Mexican Sunflower) Torch (A.A.)	5	Orange-red, 3 in.	4 1/2 ft.	Aug.-frost	2, 4	O	18	2-3	•				15c; 1/16oz. 60c.
TORENIA (Wishbone Flower) Fournieri	1	Sky-blue; yellow	10 in.	June-frost	2, 4, 5	O @	8	2	•				20c; 1/32oz. 55c.
URSINIA (Jewel of the Veldt) Anethoides Hybrids	1 4	Orange; zoned	12 in.	July-Sept.	2, 4DM	O	18	1-2	• •				15c.
VERBENA Giant Hybrids Mixed	1 4	All colors	8 in.	June-frost	2, 4W	O	12	3-4	• • F				15c; 1/16oz. 50c.
ZINNIA													
Burpee Hybrid Blaze	1 4	Scarlet-orange	2 1/2-3 ft.	July-frost	2, 4DM	O	24	1-2	• •				20c; 1/16oz. 70c.
Burp. Hyb. Floradale Scarlet	1 4	Vibrant red	2 1/2-3 ft.	July-frost	2, 4DM	O	24	1-2	• •				20c; 1/16oz. 70c.
Burpee Hybrids Mixed	1 4	All colors, shaggy	2 1/2-3 ft.	July-frost	2, 4DM	O	24	1-2	• •				20c; 1/16oz. 70c.
California Giant Mixed	1 4	All colors, formal	2 1/2-3 ft.	July-frost	2, 4DM	O	24	1-2	• •				15c; 1/16oz. 70c.
Chrysanthemum-fld. Mixed	1 4	All colors, curled	2 1/2-3 ft.	July-frost	2, 4DM	O	24	1-2	• •				15c; 1/16oz. 40c.
Dwarf Double Mixed	1 4	All colors, formal	18 in.	July-frost	2, 4DM	O	12	1-2	• •				15c; 1/16oz. 65c.
Early Wonder Mixed	1 4	All colors, early	2 ft.	July-Sept.	2, 4DM	O	15	1-2	• •				15c; 1/16oz. 60c.
Fantasy Mixed (A.A.)	1 4	All colors, shaggy	2 1/2 ft.	July-frost	2, 4DM	O	18	1-2	• •				15c; 1/16oz. 55c.
Gt. Dahlia-fld., Canary Bird	1 4	Canary yellow	2 1/2-3 ft.	July-frost	2, 4DM	O	24	1-2	• •				15c; 1/16oz. 70c.
Gt. Dahlia-fld., Dream	1 4	Rosy lavender	2 1/2-3 ft.	July-frost	2, 4DM	O	24	1-2	• •				15c; 1/16oz. 70c.
Gt. Dahlia-fld., Eldorado	1 4	Salmon-apricot	2 1/2-3 ft.	July-frost	2, 4DM	O	24	1-2	• •				15c; 1/16oz. 70c.
Gt. Dahlia-fld., Exquisite	1 4	Deep rose pink	2 1/2-3 ft.	July-frost	2, 4DM	O	24	1-2	• •				15c; 1/16oz. 70c.
Gt. Dahlia-fld., Illumination	1 4	Deep rose pink	2 1/2-3 ft.	July-frost	2, 4DM	O	24	1-2	• •				15c; 1/16oz. 70c.
Gt. Dahlia-fld., Meteor	1 4	Darkest red	2 1/2-3 ft.	July-frost	2, 4DM	O	24	1-2	• •				15c; 1/16oz. 70c.
Gt. Dahlia-fld., Oriole	1 4	Deep orange	2 1/2-3 ft.	July-frost	2, 4DM	O	24	1-2	• •				15c; 1/16oz. 70c.
Gt. Dahlia-fld., Polar Bear	1 4	Cream white	2 1/2-3 ft.	July-frost	2, 4DM	O	24	1-2	• •				15c; 1/16oz. 70c.
Gt. Dahlia-fld., Royal Purple	1 4	Deep purple	2 1/2-3 ft.	July-frost	2, 4DM	O	24	1-2	• •				15c; 1/16oz. 70c.
Gt. Dahlia-fld., Will Rogers	1 4	Bright scarlet	2 1/2-3 ft.	July-frost	2, 4DM	O	24	1-2	• •				15c; 1/16oz. 70c.
Giant Dahlia-fld., Mixed	1 4	All colors; large	2 1/2-3 ft.	July-frost	2, 4DM	O	24	1-2	• •				15c; 1/16oz. 70c.
Lilliput Mixed	1 4	All colors; small	12-15 in.	July-frost	2, 4DM	O	12	1-2	• •				15c; 1/16oz. 70c.
Lilliput Pastel Mixed	1 4	All pastels; small	12-15 in.	July-frost	2, 4DM	O	12	1-2	• •				15c; 1/16oz. 70c.
Lilliput Tom Thumb Mixed	1 4	All colors; tiny	6-8 in.	July-frost	2, 4DM	O	8	1-2	• •				15c; 1/16oz. 50c.
Peppermint Stick Mixed	1 4	All colors; striped	2 in.	July-frost	2, 4DM	O	15	1-2	• •				20c; 1/16oz. 95c.
Persian Carpet Mixed (A.A.)	1 4	Variegated; bicolor	12 in.	July-frost	2, 4DM	O	15	1-2	• •				20c; 1/16oz. 75c.
Red Riding Hood	1 4	Bright crimson; tiny	1 1/2-2 ft.	July-frost	2, 4DM	O	12	1-2	• •				15c; 1/16oz. 80c.
Super Giants Mixed	1 4	All colors; huge	3 ft.	July-frost	2, 4DM	O	24	1-2	• •				15c; 1/16oz. 55c.

All Flowers are Shown in Color at both our Millburn and Hanover Garden Centers



Torenia Fournieri



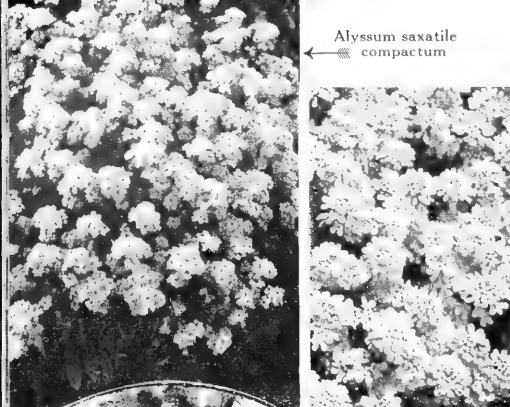
Zinnia, Giant
Dahlia-flowered

Zinnia, Persian Carpet

Explanation of Column Type Soil Preferred

- 1=Poor or lean soil
- 2=Light loam
- 3=Sandy loam + humus
- 4=Medium loam
- 5=Heavy or clay loam

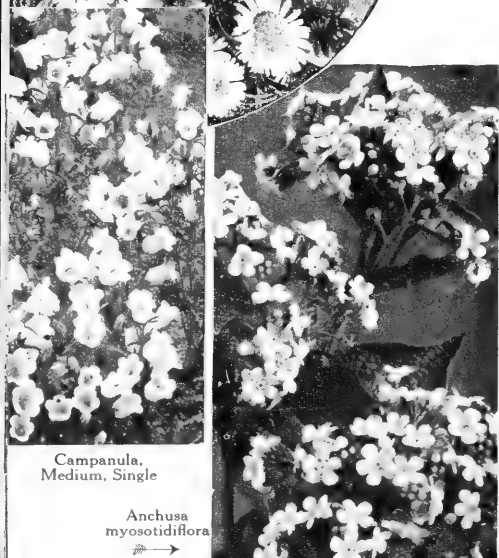
- B =Water in drought
D =Dry
H =Humus or peat
K =Lime or alkaline
M =Manure, fertilizer
P =Poor, no manure
S =Sandy or gritty
W =Moist or wet



Alyssum saxatile
compactum



Candytuft
Iberis sempervirens



Anthemis
tinctoria

Campanula,
Medium, Single

Anchusa
myosotidiflora

FORBES PERENNIAL FLOWER SEEDS

The varieties of seed which we include in this section produce plants which live on from year to year, increasing in size and beauty with age. A few exceptions are the biennials listed, such as *Campanula Medium*, *Digitalis*, etc., which bloom the second year and then die. Perennials, used in permanent beds, come in a great variety of color and plant habit, ranging from the dwarf edging plants, to the tall stately plants for backgrounds. Selected for a succession they provide bloom from early spring to killing frost, and many show color before the annuals come to bloom.

Culture: The seed is generally started outdoors from June to September, and the young plants are either set in their permanent places in the fall and given light protection the first season, or carried over the first winter in a cold frame and set out the following spring. After that, all except the half-hardy varieties require little attention, except to keep the flowers cut to prevent the seed-pods from forming. Some are as easily raised from seed as annuals; quite a few may be forced; others make fine pot-plants and splendid cut-flowers.

KEY TO SYMBOLS: b-Biennials; F-Fragrant; †-Backgrounds; *—May also be sown in April

1. Sow in Nov. in cold frame, etc. to freeze seed over winter.
2. Sow where to bloom and thin out. Hard to transplant.
3. Will bloom first year if seed is started indoors in Jan.-Feb.
4. Mulch for the first winter after the plants freeze in hard.

○ means full sun
⊙ half shade-half sun, ● full shade

Name	Key	Color	Height	Time of Bloom	↓	Type soil Preferred	Inches apart	Weeks to sprout	USES					Pkt. and Wt. price
									For cutting	Along margins	Group plantings	Rock Gardens	With Tall Tulips	
ALYSSUM (Basket of Gold)														
Saxatile citrinum	*	Lemon-yellow	9-12 in.	April-May	○	2, 4D	8	3-4	●	●	●	●	●	20c; 1/8 oz. 70c.
Saxatile compactum	*	Golden yellow	9-12 in.	April-May	○	2, 4D	8	3-4	●	●	●	●	●	15c; 1/4 oz. 60c.
ANCHUSA (Alkanet, Bugloss)														
Italica Dropmore	* †	Gentian blue	4 ft.	June-Sept.	○ ⊙	2	18	3-4	●	●	●	●	●	15c; 1/4 oz. 60c.
Myosotidiflora	* †	Pale blue	1-1 1/2 ft.	April-May	○ ⊙	2	15	3-4	●	●	●	●	●	25c.
ANEMONE (Windflower)														
St. Brigid Mixed	4	Bright colors	12 in.	June	○ ⊙	4HSW	8	5-6	●	●	●	●	●	25c.
ANTHEMIS (Yellow Daisy)														
Tinctoria (Chamomile)	*	Clear yellow	2 1/2 ft.	June-Oct.	○	2, 4D	12	3-4	●	●	●	●	●	15c; 1/4 oz. 65c.
AQUILEGIA (Columbine)														
Blue Shades, Long-Spurred		Various blues	2 1/2 ft.	May-June	○ ⊙	2, 4KH	12	3-4	●	●	●	●	●	25c; 1/8 oz. \$1.10
Chrysanth		Soft yellow	2 1/2 ft.	May-June	○ ⊙	2, 4KH	12	3-4	●	●	●	●	●	25c; 1/8 oz. \$1.10
Crimson Star, Long-spurred		Crim.; white cup	2 1/2 ft.	May-June	○ ⊙	2, 4KH	12	3-4	●	●	●	●	●	25c; 1/8 oz. \$1.10
Rose Queen, Long-spurred		Rose shades	2 1/2 ft.	May-June	○ ⊙	2, 4KH	12	3-4	●	●	●	●	●	25c; 1/8 oz. \$1.10
Snow Queen, Long-spurred		Pure white	2 1/2 ft.	May-June	○ ⊙	2, 4KH	12	3-4	●	●	●	●	●	25c; 1/8 oz. \$1.10
Mrs. Scott Elliott's Hybrids		All of above	2 1/2 ft.	May-June	○ ⊙	2, 4KH	12	3-4	●	●	●	●	●	25c; 1/8 oz. \$1.10
McKana's Giant Mixed		All colors	3 ft.	May-June	○ ⊙	2, 4KH	12	3-4	●	●	●	●	●	35c; 1/8 oz. 85c.
ARABIS (Rock Cress)														
Alpina, Snowcap	*	Snow-white	6 in.	April-May	○ ⊙	2D	12	3-4	●	●	●	●	●	20c; 1/8 oz. 50c.
Alpina, Spring Charm	*	Rosy red	6 in.	April-May	○ ⊙	2	12	3-4	●	●	●	●	●	20c; 1/8 oz. 65c.
ARMERIA (Thrift, Sea Pink)														
Large Flowered Hybrids		Red, pink shades	2 ft.	April-May	○	1, 2, 4SD	10	3-4	●	●	●	●	●	15c.
ASTER (Starwort)														
Alpinus, Goliath		Blue-lavender	8 in.	May-June	○ ⊙	4	8	2-3	●	●	●	●	●	20c; 1/8 oz. 85c.
AUBRIETA (Purple Rockcress)														
Giant Flowered Hybrids	*	Mauve to purple	6 in.	April-May	○ ⊙	2, 4CS	6	2-3	●	●	●	●	●	15c; 1/8 oz. 50c.
BAPTISIA (False Indigo)														
Australis	*	Indigo blue	3 ft.	June-July	○	2, 4, 5	18	3-4	●	●	●	●	●	15c.
BELLIS (English Daisy)														
Extra Double Giant Mixed	4	Red, rose, white	6 in.	April-June	○ ⊙	4W	6	1-2	●	●	●	●	●	15c; 1/8 oz. \$1.10
CAMPANULA (Bellflower)*														
Calycanthema (Cup & saucer)	b 3	Mixed colors	2 ft.	May-June	○ ⊙	2S	10	2-3	●	●	●	●	●	20c; 1/8 oz. 65c.
Single (Canterbury Bells)	b 3	Mixed colors	2 ft.	May-July	○ ⊙	2S	10	2	●	●	●	●	●	15c; 1/4 oz. 40c.
CANDYTUFT (Iberis)														
Sempervirens	*	Pure white	8 in.	May-June	○ ⊙	2, 4, 5	12	2-3	●	●	●	●	●	20c; 1/8 oz. 65c.
CARNATION, Hardy Border														
Grenadin Half-High	*	Mixed colors	20 in.	June	○	2 KS	12	2-3	F	●	●	●	●	20c; 1/8 oz. 55c.
Vienna, Dwarf Double	*	Mixed colors	14 in.	June	○	2 KS	12	2-3	F	●	●	●	●	20c; 1/8 oz. 95c.

FORBES PERENNIAL FLOWER SEEDS

KEY TO SYMBOLS: b-Biennials; F-Fragrant; †-Backgrounds; *May also be sown in April

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2. Sow where to bloom and thin out. Hard to transplant.
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4. Mulch for first winter after the plants freeze in hard.

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Name	Key	Color	Height	Time of Bloom	↓ Type soil preferred	Inches apart	Weeks to sprout	USES					Pkt. and Wt. price
								For cutting	Along margins	Group plantings	Rock Gardens	With Tall Tulips	
CENTAUREA (Cornflower)													
Dealbata, Rose Delight	* 3	Rose pink	2 ft.	June-Aug.	○ ⊙	1, 2, 4	15	3-4	●				15c; 1/8oz. 55c.
Montana		Purple-blue	1 1/2 ft.	June-Sept.	○ ⊙	1, 2, 4	15	3-4	●				15c; 1/8oz. 65c.
COREOPSIS (Tickseed)													
Double Sunburst	* 3	Golden yellow	2 1/2 ft.	June-Sept.	○	1, 2, 4D	12	2-3	●	●			15c; 1/8oz. 60c.
DELPHINIUM													
Belladonna, Cliveden Beauty	† *	Turquoise blue	4 ft.	June & Sept.	○ ⊙	4SMK	12	3-4	●	●			25c; 1/8oz. 70c.
Bellamours Improved	† *	Dark blue	4 ft.	June & Sept.	○ ⊙	4SMK	12	3-4	●	●			25c; 1/8oz. 70c.
Blackmore & Langdon's	† *	Blue to pink	5-6 ft.	June & Sept.	○ ⊙	4SMK	15	3-4	●	●			35c; 1/8oz. 75c.
Hollyhock-fd. Wrexham	† *	Blue to violet	6 ft.	June & Sept.	○ ⊙	4SMK	15	3-4	●	●			35c; 1/8oz. 70c.
Pacific Giant, Astolat	† *	Pink shades	5-7 ft.	June & Sept.	○ ⊙	4SMK	15	3-4	●	●			75c; 3 for \$2.
Pacific Giant, Black Knight	† *	Dark blue	5-7 ft.	June & Sept.	○ ⊙	4SMK	15	3-4	●	●			50c; 3 for \$1.25
Pacific Giant, Blue Bird	† *	Mid-blue; whiteb	5-7 ft.	June & Sept.	○ ⊙	4SMK	15	3-4	●	●			50c; 3 for \$1.25
Pacific Giant, Cameliard	† *	Lavender	5-7 ft.	June & Sept.	○ ⊙	4SMK	15	3-4	●	●			50c; 3 for \$1.25
Pacific Giant, Galahad	† *	White	5-7 ft.	June & Sept.	○ ⊙	4SMK	15	3-4	●	●			50c; 3 for \$1.25
Pacific Giant, King Arthur	† *	Violet; white bee	5-7 ft.	June & Sept.	○ ⊙	4SMK	15	3-4	●	●			50c; 3 for \$1.25
Pacific Giant, Lancelot	† *	Lilac; white bee	5-7 ft.	June & Sept.	○ ⊙	4SMK	15	3-4	●	●			50c; 3 for \$1.25
Pacific Giant, Summer Skies	† *	Pale blue; whiteb	5-7 ft.	June & Sept.	○ ⊙	4SMK	15	3-4	●	●			50c; 3 for \$1.25
Pacific Giant, Mixed	† *	All the colors	5-7 ft.	June & Sept.	○ ⊙	4SMK	15	3-4	●	●			50c; 3 for \$1.25
DIANTHUS (Garden Pink)													
Plumarius, Dwarf Double	* 3	Mixed colors	12 in.	May-Sept.	○	2SKD	10	2-4	F	●	●		20c; 1/8oz. 50c.
DIGITALIS (Foxglove) † *													
Giant Shirley Mixed	b 4	Pink, white	4 ft.	June-July	○ ⊙	2, 4	8	2-3	●				15c; 1/8oz. 55c.
DORONICUM (Leopardbane)													
Caucasicum magnificum		Golden yellow	2 ft.	April-May	○ ⊙	5	8	2-3	●				20c.
GAILLARDIA (Blanket Flower)													
Burgundy	3 4	Coppery scarlet	2-2 1/2 ft.	June-Oct.	○	2D	12	2-3	●	●	●		15c; 1/8oz. 55c.
Goblin	3 4	Yel.; red center	15 in.	June-Oct.	○	2D	12	2-3	●	●	●		15c; 1/8oz. 55c.
GEUM (Avens)*													
Lady Stratheden	3 4	Golden yellow	2 ft.	May-Oct.	○	2, 4HM	12	3-4	●	●			15c; 1/8oz. 75c.
Mrs. Bradshaw	3 4	Orange-red	2 ft.	May-Oct.	○	2, 4HM	12	3-4	●	●			15c; 1/8oz. 75c.
GYPSOPHILA (Baby's Breath)													
Paniculata Single	*	Single white	3 ft.	June-Aug.	○	2, 4KD	24	1-2	●	●			15c; 1/8oz. 50c.
Paniculata, Dbl. Snow White	*	Double white	2 1/2 ft.	June-Aug.	○	2, 4KD	24	1-2	●	●			25c; 1/8oz. 65c.
HEUCHERA (Coral Bells)													
Sanguinea splendens		Coral-rose	1-1 1/2 ft.	May-Oct.	○ ⊙	2MS	12	2-3	●	●	●		20c.
HOLLYHOCK (Althaea rosea)													
Superb Double Mixed	† *	Various colors	6-7 ft.	July-Aug.	○ ⊙	2HMS	18	2-3	●				15c; 1/8oz. 70c.
HONESTY (Money Plant)													
Lunaria biennis	* b	Silver seed pods	2 ft.	Cut in fall	○	2, 4HM	18	2-3	●	●			15c.
LAVENDER													
Munstead Strain	*	Lavender-blue	12 in.	June-Aug.	○	2SD	12	1	F	●	●		25c; 1/8oz. 55c.
LIATRIS (Gayfeather)													
Fyncostachya		Rosy purple	4 ft.	Aug.-Sept.	○ ⊙	2SD	15	3-4	●	●			15c; 1/8oz. 50c.
Spicata		Lavender-purple	2 1/2 ft.	Sept.-Oct.	○ ●	2, 4W	12	3-4	●	●			15c; 1/8oz. 50c.
LINUM (Flax)													
Perenne Blue	* 4	Pale azure-blue	1 1/2 ft.	May-Sept.	○ ⊙	2 SD	8	3-4	●	●	●		10c; 1/8oz. 35c.
LOBELIA													
Cardinalis (Cardinal Flower)		Fiery cardinal	2-2 1/2 ft.	July-Aug.	○ ●	4HSW	15	3-4	●	●			20c; 1/8oz. 60c.



Coreopsis, Double Sunburst

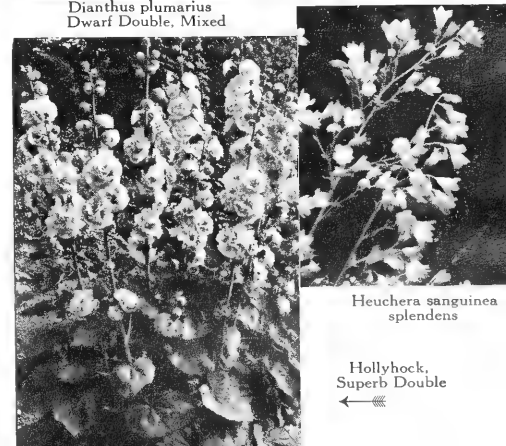
Explanation of Column Type Soil Preferred

- 1=Poor sandy or clay soil
- 2=Deep (10 in.) light loam
- 3=Sandy loam + leaf mould
- 4=Deep (10 in.) med. loam
- 5=Heavy loam or clay loam

A=Acid or sour
 C=Crushed limestone
 D=Dry or ordinary
 G=Gravel or rubble
 H=Humus or peat
 K=Lime or alkaline
 L=Leaf mould
 M=Manure, fertilizer
 P=Poor, no manure
 S=Sandy or gritty
 W=Moist or wet



Dianthus plumarius
 Dwarf Double, Mixed



Heuchera sanguinea
 splendens

Hollyhock,
 Superb Double

FORBES PERENNIAL FLOWER SEEDS

KEY TO SYMBOLS: b-Biennials; F-Fragrant; †-Backgrounds; *May also be sown in April

1. Sow Nov. in cold frame, etc. to freeze seed over winter
2. Sow where to bloom and thin out. Ha'd to transplant.
3. Will bloom first year if seed is started indoors in Jan.-Feb.
4. Mulch for first winter after the plants freeze in hard.

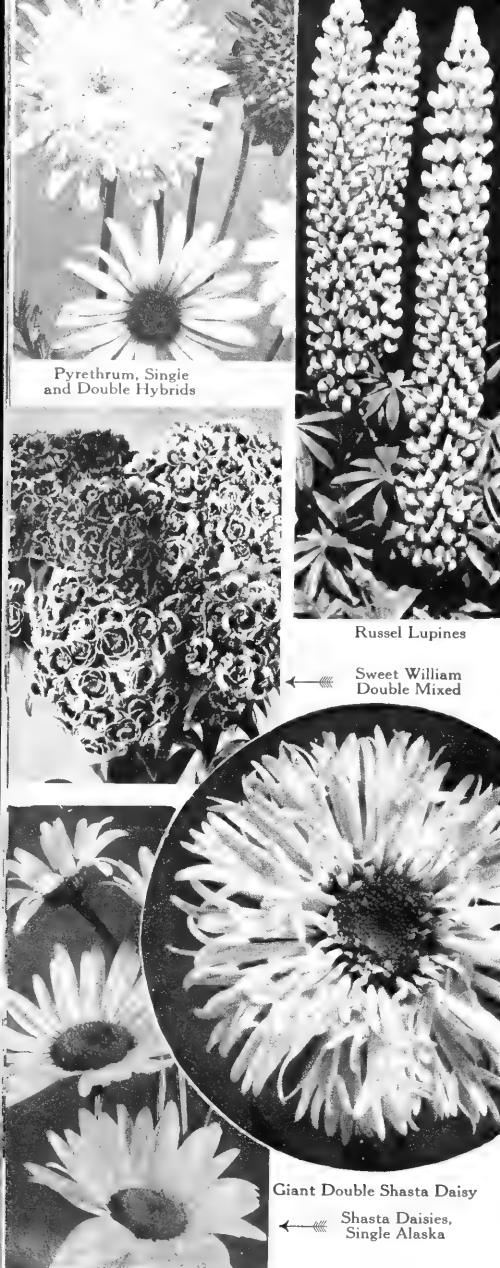
○ means full sun
 ⊙ half shade-half sun, ● full shade

USES

All are good for borders

Name	Key	Color	Height	Time of Bloom	↓	Type Soil Preferred	Inches apart	Weeks to sprout	For cutting	Along margins	Group plantings	Rock Gardens	With Tall Tulips	Pkt. and Wt. Price
LUPINUS (Lupine)														
Russell Mixed	*	Various colors	2½-3 ft.	June-July	○	2, 4AS	10	3-4	●	●	●	●	●	20c; ½oz. 50c.
LYCHNIS														
Haageana Hybrids Mixed	*	Various colors	12 in.	May-June	○ ⊙	2, 4HM	10	3-4	●	●	●	●	●	15c; ½oz. 40c.
MYOSOTIS (Forget-me-not)														
Palustris semperflorens	*	Pale blue	10 in.	May-June	⊙	2, 4HW	6	2-3	●	●	●	●	●	15c; ½oz. 50c.
PHYSOSTEGIA (False Dragon-head) Virginica	*	Lilac-pink	3 ft.	Aug.-Sept.	○ ⊙	2, 4	12	2-3	●	●	●	●	●	15c; ½oz. 65c.
PLATYCODON (Balloon Flr.) Grandiflora Blue	3	Violet-blue	1½-2 ft.	July-Oct.	○ ⊙	2, 4S	12	2-3	●	●	●	●	●	20c; ½oz. 65c.
POPPY (Papaver)														
Iceland, Kelmscott Giant	3 2	Mixed colors	1½ ft.	May-Oct.	○	2M	8	1-2	●	●	●	●	●	20c; ½oz. 50c.
Oriental, Brilliant	* 2	Fiery red	3 ft.	May-June	○	4D	15	1-2	●	●	●	●	●	25c; ½oz. 75c.
Oriental Mixed	* 2	Various colors	3 ft.	May-June	○	4D	15	1-2	●	●	●	●	●	20c; ½oz. 60c.
PRIMULA (Primrose)														
Colossea (Bunch Primrose)		Various colors	10 in.	April-May	⊙ ●	4SHMW	8	3-6	●	●	●	●	●	25c; ½oz. \$1.30
Giant Munstead Mixed		Various colors	9 in.	April-May	⊙ ●	4SHMW	8	3-6	●	●	●	●	●	25c; ½oz. \$1.10
Vulgaris (English Primrose)	1	Pale yellow	6-8 in.	April-May	⊙ ●	4SHMW	8	3-6	●	●	●	●	●	20c; ½oz. 80c.
PYRETHRUM (Painted Daisy)														
Robinson's Dark Crimson	*	Single blood-red	2 ft.	May-June	○	2, 4M	12	2-3	●	●	●	●	●	25c; ½oz. 65c.
Single Hybrids Mixed	*	Pink, red, white	2 ft.	May-June	○	2, 4M	12	2-3	●	●	●	●	●	20c; ½oz. 65c.
Extra Double Mixed	*	Pink, red, white	2 ft.	May-June	○	2, 4M	12	2-3	●	●	●	●	●	25c; ½oz. \$1.20
SAPONARIA (Soapwort)														
Ocymoides splendens	*	Rosy pink	6 in.	May-July	○	2, 4	10	2-3	●	●	●	●	●	15c; ½oz. 35c.
SCABIOSA														
Caucasica, Isaac House	* 3	Blue shades	1½-2 ft.	June-Sept.	○	2, 4	10	2-3	●	●	●	●	●	25c; ½oz. 80c.
SHASTA DAISY														
Giant Double	*	Double white	2 ft.	June-Sept.	○	4K	15	2-3	●	●	●	●	●	25c; ½oz. \$1.10
Single Alaska	* 3	Single white	2-2½ ft.	June-Sept.	○	4K	18	2-3	●	●	●	●	●	15c; ¼oz. 60c.
STOKESIA (Cornflower Aster)														
Cyanea Blue	3	Lavender-blue	1-1½ ft.	July-Sept.	○	2, 4S	12	4-6	●	●	●	●	●	15c; ½oz. 75c.
SWEET WILLIAM														
Double Mixed	* b	Various colors	1½-2 ft.	May-June	○	2K	12	2-3	●	●	●	●	●	15c; ½oz. 60c.
Dwarf Double Mixed	* b	Various colors	8 in.	May-June	○	2K	8	2-3	●	●	●	●	●	15c; ½oz. 75c.
Single Newport Pink	* b	Salmon-pink	1½-2 ft.	May-June	○	2K	12	2-3	●	●	●	●	●	15c; ½oz. 65c.
THERMOPSIS (False Lupine)														
Caroliniana	*	Yellow	2 ft.	June-July	○ ⊙	2, 4	12	2-3	●	●	●	●	●	20c; ½oz. 35c.
TRITOMA (Red-Hot Poker)														
Perpetual Hybrids		Red, orange, etc.	3 ft.	Aug.-Oct.	○	2SD	12	3-4	●	●	●	●	●	15c; ½oz. 55c.
TUNICA (Coat Flower)														
Saxifraga		Light pink	6 in.	June-Sept.	○	2SGD	8	1-2	●	●	●	●	●	15c; ½oz. 50c.
VERONICA (Speedwell)														
Spicata		Deep blue	1½-2 ft.	June-July	○	4	10	2	●	●	●	●	●	15c; ½oz. 35c.
VIOLA cornuta*														
Mixed (Tufted Pansy)	b 3	Various colors	8 in.	June-Sept.	○ ⊙	4M	8	2-3	●	●	●	●	●	25c; ½oz. 60c.
WALLFLOWER														
English Double Mixed	b 4	Brown, yellow, etc.	1-1½ ft.	May	○	2, 4	8	2	F	●	●	●	●	20c; ½oz. 50c.

FOR ILLUSTRATIONS OF OTHER PERENNIAL FLOWERS SEE PAGES 13 TO 20



Pyrethrum, Single and Double Hybrids

Russel Lupines

Sweet William Double Mixed

Giant Double Shasta Daisy

Shasta Daisies, Single Alaska

LAWN CLOVERS

New Zealand White Clover. The dwarf plants bear fewer blossoms than ordinary white Clover, grow very close to the ground, are tenacious and form a dark green, thick sward. $\frac{1}{4}$ lb. 55 cts.; $\frac{1}{2}$ lb. \$1; lb. \$1.90; 10 lbs. \$18.

White Clover. A very hardy creeping perennial with dark green compact foliage. Used where it is difficult to produce a lawn with grass seed only. Use 1 lb. with 25 lbs. of lawn seed. $\frac{1}{4}$ lb. 45 cts.; $\frac{1}{2}$ lb. 80 cts.; lb. \$1.50; 10 lbs. \$14.

INDIVIDUAL GRASS SEEDS

New crop, re-cleaned to the highest purity and germination. Prices below are subject to change.

Bent, Highland (*Agrostis tenuis* var.). Dense matted sod binds well; strong underground runners. Sow 125 lbs. per acre. Lb. \$1.70; 10 lbs. \$16; 25 lbs. up at \$1.50.

Chewing's Fescue (*Festuca rubra fallax*). Mat-like, green, tough turf with needle-like, bristly leaves suited to moist soils. Does well in shade. For lawn, sow 40 lbs. per acre. Lb. 95 cts.; 10 lbs. \$8.50; 25 lbs. up at 75 cts.

Chewing's Fescue, Penn State. An improved strain of superior quality developed by The Penna. State University. Lb. \$1.40; 10 lbs. \$13; 25 lbs. up at \$1.20.

Illae Fescue. The toughest and most desirable of Creeping Fescues. Suitable for shade or sunny lawns. Very disease-resistant. Blends well with turf-grasses. Lb. \$1; 10 lbs. \$9; 25 lbs. up at 80 cts.

Kentucky Blue, Superfine (*Poa pratensis*). Suited to a variety of soils and used as pasture. It is green early in spring when other grasses are dormant. Sow 60 lbs. per acre. Lb. \$1.90; 10 lbs. \$18; 25 lbs. up at \$1.70.

Meadow Fescue (*Festuca pratensis*). Fine for permanent pastures or a quick nurse grass in mixtures. Succeeds best on moist land. Sow 60 lbs. to the acre. Lb. 95 cts.; 10 lbs. \$8.50; 25 lbs. up at 75 cts.

Merion (B-27) Bluegrass. This new wonder grass is low growing, needs less frequent mowing and thrives under close mowing. It forms a dense, well-knit, hardy, deep green turf, highly resistant to crabgrass, and of very fine texture. It resists disease and tolerates heat and drought. High priced but economical as 1 lb. sows 800 to 1000 sq. ft. $\frac{1}{4}$ lb. \$2.35; lb. \$4.65; 5 lbs. \$23.

Redtop Fancy, Superfine (*Agrostis palustris*). Used for permanent pasture in a moist, rich soil. Sow 32 lbs. to the acre. Lb. \$1.70; 10 lbs. \$16; 25 lbs. up at \$1.50.

Rough-stalked Meadow (*Poa trivialis*). A spreading, thickly matting species; leaf blades narrow, flat and dark green. Forms a fine turf; adapted for shade on fairways under trees. Thrives on moist and stiff clay lands. Lb. \$1.35; 10 lbs. \$12.50; 25 lbs. up at \$1.15.

Ryegrass, Domestic. See Cover Crops below. Lb. 40 cts.; 5 lbs. \$1.45; 10 lbs. \$2.65; 25 lbs. and up at 25 cts.

Ryegrass, Perennial. See under Cover Crops below. Lb. 55 cts.; 5 lbs. \$2.50; 10 lbs. \$4.75; 25 lbs. up at 45 cts.

Timothy (*Phleum pratense*). Perennial, 4 ft. high, thrives in moist loams. Sow 40 lbs. per acre. Lb. 60 cts.; 10 lbs. \$5.50; 25 lbs. up at 50 cts. (Bushel weighs 45 lbs.)

COVER CROPS FOR GREEN MANURING

These add valuable humus to your soil, prevent erosion and improve appearance.

Domestic Ryegrass. This makes a wonderful cover crop. It is quick growing and forms a heavy matted root system and thick grassy sod. If you sow 1 or 2 lbs. per 1000 sq. ft. from midsummer to early fall for green manuring you can turn the sod under early the following spring and add a lot of humus to your soil. To hasten rotting down of sod apply 5 lbs. Nitrate of Soda per 1000 sq. ft. before turning the sod under. It also makes a good temporary lawn sowing 5 lbs. per 1000 sq. ft. at any time of the year. Lb. 40 cts.; 5 lbs. \$1.45; 10 lbs. \$2.65; 25 lbs. \$6.25; 100 lbs. \$25.

Hairy Vetch. Makes large growth; adds nitrogen to the soil. Sow 2 lbs. Vetch and 3 lbs. Rye per 1000 sq. ft. Lb. 60 cts.; 5 lbs. \$2.50; 10 lbs. \$4.50; 25 lbs. \$10.

Perennial Ryegrass, English. (*Lolium perenne*). Useful on slopes for its quick growth and tenacious roots. It forms a compact, coarse, very persistent sward that is bright green all season. Not recommended for permanent lawns as it is quite coarse but is very valuable for temporary lawns at low expense and is often used in other places where an inexpensive permanent cover is required. Sow 4 lbs. per 1000 sq. ft. Lb. 55 cts.; 5 lbs. \$2.50; 10 lbs. \$4.75; 25 lbs. \$11.25; 100 lbs. \$45.

Rosen Winter Rye. If you sow, from August through September, 5 lbs. per 1000 sq. ft. it will quickly produce a good growth for turning under the following spring. This will add considerable humus to improve your soil. 5 lbs. 90 cts.; 10 lbs. \$1.60; 25 lbs. \$3.50; 100 lbs. \$12.

LAWN WEED AND GRUB CONTROLS

To keep your lawn free of weeds use these modern weed killers but follow directions carefully.

Double-O Crab Grass Killer. Contains 76% Potassium cyanate, the latest and best of all crab grass controls. Apply locally by sprayer only where crab grass appears in established lawns when in active growth. For seedlings repeated doses are needed as seed germinates over several weeks. Use when grass is dry but soil is slightly moist. Apply, for seedlings 2½ ozs. in 5 gals. water on 750 sq. ft.; for mature weeds 5 ozs. in 5 gals. water on 750 sq. ft. 5 ozs. \$1; 1½ lbs. \$4.

Chlordane, 50% Wettable Powder (Synklor-50W). Kills by contact and the residual action remains for a long period. To control ants, Japanese beetle and other grubs, chinch bugs, etc. in the lawn sprinkle with $\frac{1}{2}$ lb. Synklor-50W in 25 gals. of water on 1000 sq. ft. and wash into turf with water. $\frac{1}{2}$ lb. \$1.50; lb. \$2.50.

Weedone Improved, 2,4-D plus 2,4,5-T. This weed killing miracle destroys many varieties of weeds. No vapors to injure nearby flowers or shrubs. It quickly and selectively destroys dandelion, wild onion, plantain and other lawn weeds without killing the lawn grasses. In stronger solution it kills poison ivy, wild honeysuckle, ragweed, dock and others. Devote sprayer to this alone. 8 ozs. \$1; qt. \$2.75; gal. \$6.75.

Chlordane 6% Dust. Gives control of ants and grubs by dusting 1 lb. per 250 sq. ft. of lawn; or grubs, root-maggots, wireworms, cutworms by working into the surface soil. Use indoors along baseboards or crevices to eliminate ants, cockroaches, silverfish, box elder bugs, and crickets. Lb. 60 cts.; 4 lbs. \$1.50; 24 lbs. \$8; 48 lbs. \$15.50.



A New Zealand White Clover Lawn



A temporary lawn from Domestic Ryegrass

Alfalfa A productive hay legume for well-drained soils. Sow 10 lbs. per acre. Also used to brew a medicinal tea. Lb. \$1.15; 10 lbs. \$10.50; 100 lbs. \$90.

See Ground Covers on page 28



Four of the best lawn controls

INSECT, DISEASE AND PEST REMEDIES

Directions on each package

The plant disease remedies, and the insect and pest controls offered here are considered the most effective and include the latest chemical developments for these purposes, as well as the selective weed controls in lawns. All have been tested by State Experiment Stations, Agricultural Colleges and Universities, etc.

African Violet-House Plant

Spray Bomb. Protect your house plants from destructive pests. This handy push button bomb quickly kills mites, aphids, thrips, mealy bugs, white flies, etc. which infest house plants. Quick, handy, easy. Comes ready to use. Push button and the mist covers the plants. 6 oz. 89c.



Ant Jelly Bait, "Tat". Place a little wherever ants gather outdoors. They carry it back and it destroys colony. Tube 35c.

Ant Killer, Cyanogas. For outdoor use only. Pour the powder through the spout into the ant nest opening. Then seal promptly with the sole of your shoe. The powder instantly forms a deadly gas that kills ants by asphyxiation. Harmless if the directions are followed. 4 oz. spout can, 50c.



Ant-Trap, "Tat". It is harmless to children and pets. Place traps 15 feet apart where ants are numerous. Will destroy the colony in about two weeks. 25c each; \$2.75 doz.

Arsenate of Lead. This stomach poison is effective for spraying trees and shrubs against attack by chewing insects such as web caterpillars. In powdered form, it is easy to handle. May be applied both as a dust or sprayed on in solution. Use 1 lb. to 50 gals. water. Lb. 65c; 4 lb. pkg. \$1.85; 24 lbs. \$10.50; 48 lbs. \$20.



Bean Beetles, Mexican. Use Methoxychlor.

Black Leaf 40. Nicotine sulphate. For all sucking insects as aphids, red spider, leaf hopper, thrips, etc. Dilute 2 teaspoonfuls to 1 gal. of water, and spray. 1-oz. bottle 39c; 5 ozs. \$1.19; lb. \$2.69; 2 lbs. \$4.79.

Bordeaux Mixture. This is the best to prevent the Tomato Late Blight provided you spray regularly every week or 10 days. A copper fungicide for mildew, blight, rust, scab and fungous diseases. Use at the rate of 1 lb. to 8 gallons of water, or if blight is serious, to 5 gallons of water. Lb. 55c; 4 lb. pkg. \$1.45; 24 lbs. \$7.50; 48 lbs. \$14.



Bulb Saver. Use this, containing Aramite, D.D.T., Ferbam, and Sulphur, to treat all of your fall and spring bulbs and Dahlia roots before planting and storing over winter. Helps control mites, thrips and fungous diseases. 6 ozs. 75c.

Borer-Kil. Inject this jelly paste into the holes to kill borers in trees and shrubs. 2-oz. tube with large and small spouts, \$1.

Captan-Karathane. These new materials give very excellent results in controlling both black spot and powdery mildew. This double purpose fungicide contains 30% Captan and 3% Karathane. Use 2 tablespoonfuls to 1 gal. water. ½ lb. \$1.35.

Catalizer, Spray. A spreader and stickler. Also makes Arsenate of Lead, Lime Sulphur and spray solutions safer. 2 lbs. 90c.

Chick Weed. See Chick Weed Killer under Weed Killers on page 45.

Chinch Bugs. Use Chlordane. Both hatches.

Chlordane 6% Dust. Gives control of ants and grubs by dusting 1 lb. per 250 sq. ft. of lawn; or grubs, root maggots, wireworms, cutworms by working into the surface soil. Use indoors along baseboards or crevices to eliminate ants, cockroaches, silverfish, box elder bugs, and crickets. Lb. 60c; 4 lbs. \$1.50; 24 lbs. \$8; 48 lbs. \$15.50.



Chlordane 48% Emulsion (Synklor-48E). Harmless to plants and pets. Gives unbelievable control of ants, grubs, chinch bugs, etc. under lawn or border surface. Use ½ pt. in 5 gals. of water on each 1000 sq. ft. For an effective subterranean termite control, dig a trench, 1 to 2 feet deep, next to building foundation. Mix 1 part Synklor-48E with 48 parts water and apply 1 gal. per foot of trench. ½ pt. \$1.50; qt. \$4; gal. \$9.

Chlordane 50% Wettable Powder (Synklor-50W). Kills by contact and residual action remains for a long period. To control ants, Japanese and other beetle grubs, chinch bugs in the lawn sprinkle with ½ lb. in 5 gals. of water on 1000 sq. ft. and wash well into turf with water. To kill Japanese beetles, leaf-miners, thrips, etc. on plants spray with 2 teaspoonfuls in a gal. of water. ½ lb. \$1.50; lb. \$2.50.



Chlorosis. Yellowing of foliage of Azaleas, Laurel, Rhododendron, etc. See Iron Sulphate under Fertilizers.

Cuprinol. Protects all wood from decay, termites and other insects both above and below the ground. It may be brushed (one gal. covers about 400 sq. ft.); sprayed or dipped and it provides long lasting protection. It stops costly rot. Green or Clear, qt. \$1.75; gal. \$4.40.



Corn Borers. Use Rotenone or D.D.T. dust; Earworms, use D.D.T. as silk forms.

Crow Repellent, No-Crow. Coats corn seed, repels crows, moles. ½ pt. (for a bushel of seed) 60c; pt. \$1; qt. \$1.75.

Cutworm Bait, Snarol. Toxaphene meal lures army worms, crickets, cutworms and effectively destroys by contact and as stomach poison. Harmless to vegetation. Wet the area first, apply in the evening. Lb. 35c; 2½ lbs. 75c; 6 lbs. \$1.65.



Cyanogas (A) Dust. For outdoor use only. Forms a deadly gas which kills rats, moles, woodchucks and other rodents. Avoid use indoors or where the gas might be inhaled by persons or pets. Lb. \$1.25.

D.D.T. 10% Dust. To kill Gladiolus thrips dust plants every 10 days. Before storing over winter dust bulbs and keep in warm place for 3 weeks. Lb. 45c; 5 lbs. \$1.50.

D.D.T. 50% Wettable Powder. Mix 4 teaspoonfuls per gallon of water (2 lbs. per 100 gals.) for a splendid mist control of beetles, worms, leaf-hoppers, aphids, etc. on flowers, ornamentals, fruit, potatoes and other root vegetables. Repeat at 10 to 14 day intervals. For lawn grubs, mix 1 pound in 5 gals. of water per 1000 sq. ft. Apply after mowing closely and removing cuttings. Wash well into soil with a water sprinkler. Lb. 85c; 4 lbs. \$2.25; 24 lbs. \$12.

Dog-Skat. Hung on evergreen, tube drips, dogs avoid odor. Tube 50c. As a spray, apply at base of plants, 3 ozs. 50c.

Evergreen. Safe pyrethrum spray. Controls beetles, aphids, slugs, worms, both chewing and sucking. Avoid with arsenical sprays. Oz. 35c; 6 ozs. \$1.15; pt. \$2.45; qt. \$4.

Fermate. This highly effective fungicide gives full control of black spot on roses, leafspot and rust on mums and snapdragons, anthracnose on beans and tomatoes and all mildews. Add a little water to the powder first to make a wet paste, then add water slowly and stir well. 8 ozs. \$1; 3 lbs. \$2.95. The new black spot control fungicide Captan may eventually displace Fermate.



FRUIT SPRAY. Combination spray for all insect and disease control of all fruits including grapes and stone fruits after the dormant stage. Contains D.D.T. Nicotine, Fermate and Sulphur. Use 2 tablespoonfuls to 2½ qts. water. 10 ozs. \$1; 2 lbs. \$2.65.



Gladiolus Thrip. Use Lindane-Aramite.
Grafting Wax. Refined. ½ lb. 55c; lb. 85c.

Japanese Beetles. See Chlordane; Jap-ro-cide; and Methoxychlor.

Jap-ro-cide. A combination of D.D.T. and Chlordane to control adult Japanese beetles on plants. Use 4 teaspoonfuls to a gallon of water. Also destroys wasps and spiders. 12 ozs. \$1.25; 4 lbs. \$5; 24 lbs. \$28.



Leaf Hoppers. Use Lindane-Aramite.

Lime Sulphur, Dry. Spray when trees are dormant, against San Jose scale, peach leaf curl and blister mite using 1 to 1½ lbs. to 5 gals. water. For a summer spray against apple and pear scab use ½ lb. to 5 gals. water. Follow directions on can. Lb. 75c; 5 lbs. \$3; 10 lbs. \$5.75.

Lindane-Aramite Emulsion. Contains 6% Lindane, 5% Aramite. This very fine team gives the best kill of aphids, red spiders and their mites, thrips, Elm Leaf beetles, leaf hoppers, canker worms, mealy bugs, lace wing fly and is effective against Japanese beetles. It is the answer to leaf-miner control on birches, box, holly. It kills by contact, as an internal poison and by its fuming action which destroys pests on the unsprayed new growth. Use one tablespoonful to 1 gal. of water. Avoid use with Bordeaux, Lime or alkalines. 4 oz. \$1; 8 oz. \$1.75; gal. \$13.



Lindane-Rotenone. See Rose Spray Bomb.

Malathion 50%, Aphid-Mite Spray. An emulsion contact spray for mites (1½ teaspoonfuls per gal. water) and other hard-to-kill pests. Controls a wide range of insects on flowers, shrubs, evergreens, fruits and vegetables. Avoid use on cucumbers, melons and squash. Full directions on package. Oz. 40c; 4 oz. \$1.

Methoxychlor 50% or Marlate 50. This wettable powder, the new wonder insecticide which is very effective against pests yet harmless to humans or pets, will not injure plants. It kills as a stomach poison and by long lasting residual contact. Best control yet for Mexican bean beetle and destroys beetles, worms and borers on squash, cucumbers, tomatoes, etc. Use 2 tablespoonfuls to a gallon of water on all fruits, flowers, shrubs. 8 ozs. 75c.



Mole-Nots. Drop one to a hole every 6 feet of run. Close lightly with soil. In 3 days flatten run. Box of 8, 35c; box of 50, \$1.

Molite Mole Killer. Light cartridge fuse and insert every 10 to 15 feet in runway. Seal openings to confine gas which kills moles. Cartridges, 6 for 80c; \$1.50 per doz.

INSECT, DISEASE AND PEST REMEDIES

Directions on each package

In using these materials we suggest that you exactly follow the directions on the package specially with selective weed killers, fumigants and dormant sprays. Be careful at all times to store them out of reach of children and pets. Three teaspoonfuls = 1 tablespoonful or ½ fluid ounce. One pound = 12 fluid ounces. One quart = 32 fluid ounces.

Mouse-Nots. Non-poisonous to dogs. Box of 9, 35c.

No-Nib'l Rabbit Repellent. It protects against birds, animals. They dislike the taste. 6 oz. can (makes 2½ gals. spray) 98c.

P.A.R. A water repellent, pigmented finish for Redwood and Cedar outdoor furniture. Renews with a non-gloss finish and protects against discoloration. Does not peel or rain spot. Qt. \$1.50; gal. \$3.95.

Para Dichlorobenzene. For peach borer. If applied in trench about tree, and topped with soil, it emits a heavy gas which kills borers in roots. Lb. 55c; 5 lbs. \$2.40.

Para-Scalecide. A sure fire peach borer control. It combines Scalecide with para-dichlorobenzene. Dilute 1 gal. in 7 gallons of water and apply with a dipper on tree trunk circling tree 6 inches above ground. Mound up the soil around the tree to contain gas. Qt. \$1.45; gal. \$3.25.



Poison Ivy. Ammate or Improved Weedone. Rabbits hate Repellent Rope and No-Nib'l Rat-Nots. Non-poisonous squill. Box 35c.

Red Arrow Garden Spray. A rotenone-pyrethrum-soap contact spray that destroys both sucking and chewing insects. Safe, efficient and easy to use. Oz. 35c; 4 ozs. 1 pt. \$2.85; qt. \$5.

Repellent Rope. Keeps dogs, cats, deer, rabbits from gardens. Saturated with hardwood oils and petroleum distillates. They hate the odor. Encircle beds, shrubs, trees. Bury 3 inches to save bulbs. Circle trees against caterpillars. Can, 100 ft. \$1.50.

ROSE and GARDEN DUST. This contains no sulphur. A fully tested formulation of the newest materials to control all rose and garden insects and diseases. Has 7% Captan for black spot; ¾% Karathane for powdery mildew; 4% Malathion for aphids, mites, scales, etc.; 5% D.D.T. for worms and beetles. Use when calm and cool, as a dust, or spray with 7 level tablespoonfuls to 1 gal. water, every 10 days. This is really every rose grower's dream as it will not discolor the foliage. Try this all purpose, easy-to-apply new control this year. 8 oz. refillable duster \$1; 2 lbs. \$1.95; 24 lbs. \$22.



Rose Spray Bomb. Contains Lindane and Rotenone in a handy push-button spray for all Roses, Glads, Mums and other flowers; controls aphids, thrips, leaf-hoppers, beetles and other garden insects. The 1% Lindane gives a lasting residual kill and the ¾% Rotenone destroys chewing insects. 12 oz. bomb, \$1.49.



ROTENONE DUST 1%. With just enough sulphur (3%) to keep the rotenone at full strength. Non-poisonous and very effective against Mexican bean beetles and other leaf-chewing and sucking insects. Perfectly safe to use either as a dust or in suspension in water as a spray. Lb. 45c; 5 lbs. \$1.60; 10 lbs. \$2.95; 25 lbs. \$6.25.

Rotenone Liquid. Use Red Arrow Spray.

Scalecide. Safest oil spray to use against San Jose and other scales and mites, etc. when fruit and shade trees, shrubs and ornamentals are in dormant condition. Controls scale and invigorates growth. A complete dormant spray. Dilute 1 gal. in 15 gals. water. Qt. \$1.15; gal. \$2.75.



Semesan. Disinfects seeds against damping off. 4 ozs. \$1.20; 12 ozs. \$3.40.

Semesan Special. For brown patch; dollar spot in lawns. 1½ lbs. \$4.95.

Sla-Rat. A prepared rat bait containing the new warfarin, the best rat killer yet. Easy and odorless. Lb. \$1.

Snail-Slug Pellets, Snarol.

This metaldehyde bait, if mounded or spread runs snails, slugs away from the plants and shrubs. When contacted or eaten it quickly destroys them. Apply in evening as they work at night. Lb. 50c; 2½ lbs. \$1; 6 lbs. \$2.



Spergon. A disinfectant which prevents seed decay, and grows healthier crops of limas, peas and corn. Oz. (enough to treat 25 lbs. of seed) 25c; 5 ozs. \$1; lb. \$2.40.

Sulphur, Wettable. For mildew and black spot. Avoid use on cucumbers, etc. It acidifies soil without affecting the natural iron. 2 lbs. 65c; 5 lbs. \$1.15; 25 lbs. \$5.

Termites. Use Chlordane 48% Emulsion.

Thrip Control. Use Lindane-Aramite.

Tobacco Dust, Fine. For fumigating, dusting and for ground insects. Also a good repellent for cats and dogs. 5 lbs. 85c; 25 lbs. \$3.25; 100 lbs. \$12.



TOMATO DUST. Controls the Tomato Late Blight if applied every 10 days. Use this two-purpose control as a dust or spray. Combines tribasic copper for fungous diseases and calcium arsenate for leaf eating insects. Handy 12 oz. duster, \$1; 5 lb. bag \$2.

Garden Enemies by Cynthia Westcott.

A practical approach to the control of garden pests. Handy well-planned, easy-to-use, very helpful. \$3.50. See page 46.

TRI-GEN KITS.

Contains Fermate.

Controls black-spot, mildew and blight on all roses.

Kit A makes 16 qts.

12-20 roses, \$2.35.

Kit B makes 64 qts.

50-80 roses, \$6.

Kit C makes 32 gals.

100-160 roses, \$9.

Kit D for 128 gals.

400-600 roses, \$30.

Also gives good control of both chewing and sucking insects. Spray every 10 days.



Tree Banding Compound, Stop. Protects trees from creeping insects. Lb. makes 10 lineal feet of band, \$1; 5 lbs. \$4.25.

Tree Healing Paint. After cutting off damaged branch, apply paint to live stub, prevents loss of sap. Qt. 50c; gal. \$1.45.

Volck Oil Spray. A control for scale insects, mealy bugs, red spiders and mites, white fly nymphs. Avoid using it in hot weather when plants are very dry or after using or along with sulphur sprays. Use 1½ tablespoonfuls in each quart of water. 4 ozs. 35c; 16 ozs. 75c; 32 ozs. \$1.35.

Wire Worms. Saturate soil with Chlordane.

WEED KILLERS

Ammate Weed Killer. For permanent destruction of poison ivy, poison oak, sumac, and all deep-rooted perennial weeds. Can also be used to keep driveways clean. Spraying foliage destroys both top growth and root system. Temporarily sterilizes soil. Use 1 lb. to a gal. water for 100 sq. ft. 2 lbs. \$1.15; 6 lbs. \$2.95.



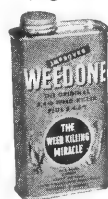
CHICK WEED KILLER. A new formulation of sodium arsenate and potassium cyanate which kills chick weed in 3 to 5 days without killing the lawn grass. Not toxic to soil. Mix 3 tablespoonfuls in 2 gallons of water and apply with a sprayer on 250 sq. ft. of solid infestation. If the weeds are mature double the strength. 6 ozs. \$1; lb. \$2; 2 lbs. \$3.25.

DOUBLE-O CRAB GRASS KILLER. It contains 76% Potassium cyanate, the latest and best of all crab grass controls. For seedlings repeat doses as the seed germinates over several weeks. Use when the grass is dry but the soil is slightly moist. Apply, for seedlings, 2½ ozs. in 5 gals. water on 750 sq. ft.; for mature weeds, 5 ozs. in 5 gals. water on 750 sq. ft. 5 ozs. \$1; 1½ lbs. \$4.



HERBICIDE WEED KILLER. Kills weeds and all vegetation. Avoid applying within one foot of lawns. Dilute with water and sprinkle, 1 gal. makes 40 gals., sufficient for 1000 sq. ft. Qt. 85c; gal. \$2.25; 5 gals. \$10.

Weedone Improved, with 2,4-D - 2,4,5-T. Quickly destroys all the dandelion, wild onion, plantain and other lawn weeds without killing lawn grasses. In stronger solution it kills poison ivy, honeysuckle, ragweed, dock, etc. Devote sprayer to this only. 8 ozs. \$1; qt. \$2.75; gal. \$6.75.

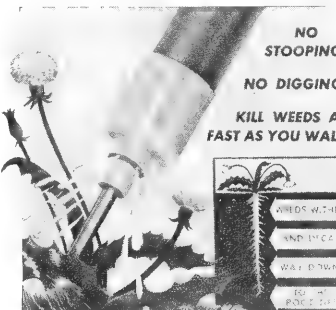


Weedone Brush Killer 32. Drench woody plants when in leaf. Kills desirable plants if spray drifts. Devote sprayer to this alone. 8 ozs. \$1.49; qt. \$3.75; gal. \$7.95.

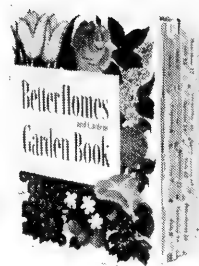
Weedone Crabgrass Killer. Contains 46% Potassium cyanate. Kills crabgrass, chickweed in lawns without killing grass. Avoid use in hot weather. Use 6½ oz. to cover 1000 sq. ft. for seedlings; 500 sq. ft. if mature. 6½ ozs. \$1; 26 ozs. \$3; 6½ lbs. \$8.85.

Weedust 2,4-D. A handy duster to kill plantain, dandelions, etc. 12 ozs. \$1.

Wilson's Weed Killer. A way to kill all weeds and vegetation. One good application prevents weeds from growing again as it sterilizes soil for months. Invaluable on drives, gutters, etc. Avoid applying within one foot of lawns. Best used when the soil is just slightly moist. Dilute 1 gal. with 40 gals. water for 800 sq. ft. of area. Qt. 85c; gal. \$2.25; 5 gals. \$10.



Killer Kane. Kills broad-leaved weeds in a few days with a squirt of 2,4-D. \$1.98 each.



HELPFUL BOOKS ON GARDENING Prices subject to change

African Violets, All About by Montague Free. Written expressly for the gardeners who want to grow African Violets (*Saintpaulia*) successfully. Has 111 illustrations of propagation and cultural procedures and 28 illustrations in color. \$3.50.

Annuals, Book of by A. C. Hottes. Annuals as a source of flowers on a small place. Concise and dependable advice—which ones to grow and how to grow them. \$2.75.

Azaleas, Kinds and Culture by H. H. Hume. The best book on this subject by a great authority. Covers types, culture, care and all you need know to have full success. 199 pp. \$5.

Begonias, Tuberous by Worth Brown. A complete guide for both amateur and specialist. Covers types, indoor and outdoor culture, propagation. 128 pp. \$2.75.

Better Homes & Gardens Garden Book by F. B. Woodroffe. Now you can get down-to-earth on all phases of gardening, landscaping, and lawn care. Everything is clearly explained in pictures and everyday language. Illustrated. Chapters tab-indexed. 480 pp. \$3.95.

Better Homes & Gardens Handyman's Book. Specially prepared for those who make their own repairs. Contains everything to know about repairs around the house, furniture, floors, plumbing, electric, heating, inside and outside repairs. Tab-indexed, 1660 pictures, 480 pp. \$3.95.

Bird Guide, Audubon by R. H. Pough. Know your bird neighbors. A book packed with interesting information about the land birds of eastern North America. Colored illustrations of over 400 birds. \$3.50.

Birds of America. The greatest book on birds ever published containing the whole story of bird life. 1000 pictures. Nearly 1000 pages, 111 in color. \$5.95.

Birds, Field Guide to the, by R. T. Peterson. A very clever guide valuable because of its accent on little differences that immediately distinguish birds of similar appearance. Illustrated in color. \$3.75.

Bulb Magic in your Window by R. M. Peters. The cultural know-how about 100 kinds of bulbs to grow indoors. Complete instructions on soil, light, watering, temperature, pest control. \$3.95.

Bulbs, Complete Book of by Rockwell and Grayson. A practical, step-by-step book on how to use, cultivate and propagate over 100 species of bulbs, both indoors and out. Illustrated. \$5.95.

Chrysanthemums, Hardy by Alex. Cumming. A leader in the development of chrysanthemums gives excellent information on the varieties and culture. \$3.

Encyclopedia, The Wise Garden edited by E. L. D. Seymour. A single big volume that gives the scope and contents of a whole shelf full of garden books. More complete, more detailed, more understandable, more usable than any other garden book. 1380 pages. \$5.

Flower Arrangement, Complete Book of by Rockwell and Grayson. A lot of professional ideas for the effective arrangement of flowers, including the use of color, form and size, containers, backgrounds, etc. 130 illustrations and 89 in color. \$4.95.

Garden Enemies by Cynthia Westcott. A practical approach to the control of garden pests. A handy well planned, easy-to-use book, (with a washable cover) which the amateur will find very helpful. \$3.50.

Garden Flowers in Color by D. J. Foley. As an aid in selecting flowering annuals and perennials, this is invaluable with its 350 beautiful color plates. 320 pp. \$3.95.

Garden Magic, Complete Book of by R. E. Biles. Solves every garden problem and graphically illustrates every phase of each operation described. 27 chapters, 320 pages splendidly indexed. \$3.95.

10,000 Garden Questions edited by F. F. Rockwell. Real questions from real amateurs answered by 15 experts, with brief authoritative answers. Among them you will find the solutions to your garden problems. A quick-action index. 1467 pp. \$4.95.

Gardening in the Shade by H. K. Morse. With this book any gardener can do something constructive about that shady corner, shady wild garden, formal bed, terrace, pool and path. Illustrated. \$5.

Greenhouse Gardening for Everyone by E. D. Chabot. Gives the principles of gardening under glass in down-to-earth language. Every phase from a 2x4 cold-frame to a heated greenhouse. 266 pp. \$4.

Herb Growers Complete Guide, The by R. F. Mathieu. Gives excellent advice on what herbs to grow, how to grow them and how to use them. \$2.25.

House Plants, All About by Montague Free. A complete guide to the successful indoor culture of potted plants including flowers, foliage plants, shrubs, bulbs and vines. Many illustrations. 329 pp. \$3.95.

Landscaping, Complete Home and Garden Guide by R. P. Korobko. Of greatest help in planning your grounds with a limited budget. Easily understood "how to do" instructions, illustrated. \$2.95.

Lawns, Better by H. B. Sprague. An expert tells you how to produce the perfect lawn. Includes a guide for identifying different grasses. Illustrated. \$2.25.

Lilies for American Gardens by G. L. Slate. Complete information on all aspects of these popular flowers, with attention to the structure of the plant, breeding, soil, culture, care, etc. Illustrated. \$5.

Making a Garden Bloom This Year by Grace Tabor. How to make the most colorful, most economical and most rapidly maturing of all gardens. What to select, how to prepare the soil to plant. \$1.50.

Nursery-Manual. The by L. H. Bailey. Treats the propagation of plants by seeds, layers, cuttings, grafts, etc. arranged alphabetically. Indexed by common names. 456 pp. \$5.75.

Perennials, Book of by A. C. Hottes. A wealth of information necessary for the wise choice and successful culture of perennials, the basis of successful borders. \$2.75.

Plant Doctor, The by Cynthia Westcott. The how, when and why of insect and disease control in a healthy garden. It answers the questions which may arise in easily understandable terms. \$3.

Pruning Trees and Shrubs by E. P. Felt. Aids the home owner to realize more fully what pruning can do to improve ornamental trees, shrubs and vines. Illustrated. 238 pp. \$3.

Roses, Anyone Can Grow by C. Westcott. A recognized handbook for the home rose grower. The A to Z of rose culture in every day language by one of America's outstanding authorities. 140 pp. \$2.75.

Roses, How to Grow by McFarland and Pyle. Every step in the successful growing of roses is made clear. It gives practical advice on how to locate beds, prepare ground, plant, care for in summer, light pests, protect in winter, prune, and select types and varieties. 192 pp. \$2.95.

Shrubs, Book of by A. C. Hottes. A comprehensive study of shrubby plant material—complete with lists of shrubs for specific areas and a chart to indicate blooming dates, heights and other facts. \$4.

Shrubs and Vines for American Gardens by Donald Wyman. A practical authoritative guide to the selection of better types of shrubs and vines. The growing conditions, color, blooming dates of over 3200 kinds are fully discussed. 442 pp. Illustrated, \$7.50.

Trees, Book of by A. C. Hottes. This book covers both deciduous and coniferous trees, giving the care, culture, feeding, pruning, pests, repairs, etc. 448 pp. \$4.

Trees for American Gardens by Donald Wyman. For the right tree in the right place, here are evaluated 745 different trees with information on their appearance, habits and uses. A very comprehensive guide and indispensable aid. 376 pp. Illustrated, \$7.50.

Vegetables, How to Grow by H. B. Logan and L. C. Cosper. An interesting, informative book on vegetable and fruit growing for both beginner and experienced gardener. Full tables on pest control, seedling quantities, yields and other essentials. \$4.

Weekend Gardener, The by Dorothy Jenkins. Written for the gardener with limited time. Practical suggestions on gardening as fresh and friendly as though given over a picket fence. All phases are covered, the time needed, short cuts to reduce work to a minimum. 280 pp. \$3.

Wild Flowers by Helen S. Hull. How to grow wild flowers in your garden, your rock garden, on a hillside, beside a brook, in the woods. Covers propagation, culture, soils, collecting, care. 280 pp. \$4.95.

Wild Flowers by W. R. Philipson. For all who wish to make a study of wild flowers. It describes the members of each family and where each may be found. \$1.35.

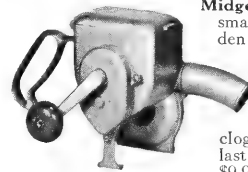
GARDEN TOOLS and ACCESSORIES

It's just plain good sense to have good tools for the varied jobs around your garden. A gardener is only as good as his tools. In the gardening field there are many new "gadgets" brought out each year. We avoid these unless they have real merit and usefulness. When you buy garden tools it is best to buy quality for then they give service and last well. That's the kind of tools we offer. Here are just a few from our complete stock.

Miracle Grass Shear. Easiest working shear made as it requires only light pressure of your hand to operate. Push cut action. Blister-proof, soft cushion rubber handles. Drop forged, precision hollow ground. \$2.75.

Trellises. Strongly made of natural California Redwood stock, these durable straight trellises come in 3 widths and all are 8 feet long. 18 inch wide \$3.25; 24 inch wide \$3.50; and 30 inch wide \$3.75.

Sprayers for Every Purpose. We offer all types. No. 110 T.V. shown at left is just the thing for spraying weeds in your lawn. Just pump up and go. Holds 1½ gals., is light and handy to carry and has 4-ft. hose, extension rod and special weed nozzle, \$8.35. Same sprayer for garden insecticides with 26-in. hose is \$6.95. Larger compressed air tank sprayers, 2½ gal. capacity \$7.50; 3½ gal. capacity \$11.75. Jim Dandy Cart Sprayer, 5 gal. tank, 12-ft. hose and 2-ft. extension, on 2 balloon-tired wheels, easy to move, \$37.50. Trombone sprayers, all brass for use with bucket, sprays up to 35 ft., has adjustable nozzle for \$6.95 and \$8.95. Hand sprayers, 30 oz. single action 65c; continuous 26 oz. tin \$1.30; 24 oz. glass \$1.95; 38 oz. copperbrass \$4.75.

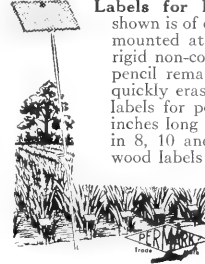


Midget Rotary Duster. A small light-weight, home garden duster which throws an 8-foot fog of dust. Easy to fill, easier to operate—just turn the crank. All of light metal, can't rust, can't clog. Saves lots of time. Will last for years. Weighs 1¼ lbs. \$9.95.

Airwrap Kits. For airdyeing plant propagation. Azaleas, roses or any other woody plants can be induced to form roots on a selected stem or branch by the Airwrap method. Anyone can do it. The plastic film is wrapped around a ball of sphagnum moss surrounding a wound which you prepare with a knife as in directions. The moss is saturated and the film holds the moisture in, while allowing air to penetrate freely. The film contains the necessary growth- and rooting-chemicals. Each kit makes 8 new plants. \$1.95.



Porch Plant Stands. Attractive sturdy, heavy gauge steel stand with black finish, 25-in. high and 26-in. long with two "lace openwork" edged shelves, each 26 by 7-in. Ideal for patios and porches and for indoors later. \$4.95 each.



Labels for Plants. The Permarker label shown is of durable light green plastic, easily mounted at a reasonable angle on a 14-in. rigid non-corrosive, steel support. Soft lead pencil remains legible for years yet can be quickly erased. We also offer painted wood labels for pots, ½-inch wide by 4, 5, or 6 inches long and painted wood garden labels in 8, 10 and 12 inch lengths. Also 3½-inch wood labels wired for tying on shrubs; zinc

Dream labels 1¼ by 4 inches which never rust; and Lifetime plastic 4½ inch pot labels.

Sphagnum Moss, No-damp-off. The greatest help we have ever found for growing seeds in the house or in frames. This horticultural, milled sphagnum moss promotes highest germination and holds moisture with no damping off. Use it alone or spread a ¼-inch layer over your regular soil. You will find it amazingly effective. 10 ozs. 89c; 2 bu. \$3.65.



Eezy-Wear Gloves. Of tough skin but thin enough to let you feel, they wear unusually well and are easily washed. 2 men's and 2 women's sizes. \$1.60.

Soft Touch Gloves. Of thin, light-weight plastic-coated fabric; feel like kid but wear like iron. Men's 98c; women's 85c.

Green Thumb Garden Gloves. For men and women who are experienced gardeners and for novices who haven't yet developed a green thumb of their own. Vinyl-treated, wear well, wash in a jiffy. Men's 98c; and 3 women's sizes 89c.



Lawn Edging, No-See. This invisible metal edging ends all need of trimming. It keeps the lawn edge neat and attractive. The zinc-coated, galvanized steel, 2-ft. by 4-in. sections are easily joined together for any length or curve. Driven down to soil level you can mow over it. Use it around drives, trees and flower beds. It will cut down your maintenance and always look neat. A set of 20 pieces for 40 lineal feet of edging with connecting clips, instructions, \$4.98.



Here are some of our Garden Accessories

All are of excellent quality and will stand up under use. We purposely avoid all "gadgets."

Baskets	Rollers	Bells, Patio	Planet, Jr.	Flower Holders
Brooms	Scythes	Bird Houses	Potato Hooks	Flower Arrangers
Dibbles	Shears	Bird Seed	Pots, various	Fruit Pickers
Dusters	Shovels	Bulb Planters	Root Feeders	Garden Furniture
Edgers	Spades	Carts, Garden	Soil Soakers	Grass Catchers
Fencing	Sprayers	Cultivators	Spreaders	Hose Accessories
Forks	Stakes	Flats, wood	Sprinklers	Lawn Sprinklers
Gloves	Tampers	Grass Hooks	Tool Racks	Lawn Sweepers
Hoes	Trellis	Hose Guns	Train-etts	Lawn Perforators
Hose	Trowels	Knee Guards	Tree Pruners	Post Hole Diggers
Hotkaps	Tubs	Kneeling Pads	Vine Guides	Soil Test Kits
Labels	Twine	Lawn Mowers	Water Wands	Spray Accessories
Raffia	Twisters	Leaf Burners	Window Boxes	Sprinkling Cans
Rakes	Weeders	Mole Traps	Wonder Wands	Wheelbarrows

COMPLETE INDEX

With page numbers

Abyssinian Lily	22
Achillea	13
Achyranthes	8
Acidantha	22
Aconitum	13
Acroclonium	34
Adam's Needle	20
Aethionema	13
African Daisy	34, 35
Ageratum	8, 34
Ailanthus	13, 28
Alkanet	13, 40
Alpine Rose	19
Alternanthera	8
Althaea	41
Alyssum	8, 13, 34, 40
Amaranthus	34
Amaryllis	22
American Cowslip	15
Ampelopsis	12, 28
Amsonia	13
Anchusa	13, 40
Anemone	13, 22, 40
Anise	30
Annual Fl. Plants	8, 9
Annual Fl. Seed	33, 39
Annuals for special uses, see cols.	34, 39
Anthemis	13, 40
Antirrhinum	8, 38
Aquilegia	13, 34, 40
Arabis	13, 40
Arbutus, Trailing	15
Arctotis	34
Arenaria	13, 28
Aristolochia	12
Armeria	13, 40
Artemisia	13
Asclepias	14
Asparagus	8, 30
Asperula	9, 14, 28
Aster	8, 14, 33, 34, 40
Aster, Cornflower	19, 42
Astilbe	14
Aubrieta	14, 40
Avens	16, 41
Azaleas	6
Baby's Breath	16, 36, 41
Balloon Flower	18, 42
Balsam	34
Baptisia	14, 40
Barrenwort	15, 28
Basil, Sweet	9, 30
Basket of Gold	13, 40
Beans	29
Beard Tongue	18
Bee-balm	9, 17
Beets	30
Begonias	9, 22
Bellflower	14, 40
Bellis	40
Bergamot	9, 17
Betony	19
Bignonia	12
Bittersweet	12, 28
Black-eyed Susan	39
Blanket Flower	15, 35, 41
Bleeding-Heart	15
Bluebell	14, 17
Blue Lace Flower	35
Books on Gardening	45, 46
Borage	30
Boston Ivy	12
Broccoli	8, 30
Browallia	8
Brussels Sprouts	8, 30
Bugloss	13, 40
Bulbs, Summer	21, 23
Bunch Primrose	18, 42
Butterfly Weed	14
Cabbage	8, 30
Cabbage, Chinese	30
Caladium	9, 22
Calendula	8, 34
California Poppy	35
Calliopsis	22
Campanula	14, 34, 40
Campion	17
Candytuft	16, 34, 40
Candytuft, Persian	13
Canna	9, 22
Canterbury Bells	34, 40
Caraway	31
Cardinal Climber	34
Cardinal Flower	17, 41
Cardoon	30
Carnation	8, 14, 34, 40
Carolina Lupine	19, 42
Carrots	30
Castor Oil Bean	38
Catananche	14
Catmint, Catnip	9, 17
Cauliflower	8, 30
Celastrus	12, 28
Celery	30
Celery	8, 30
Celosia	33, 35
Centaurea	8, 14, 35, 41
Cerastium	14
Chamomile	13, 40
Chastetree	20
Chelone	14
Chinese Cabbage	30
Chinese Forget-me-not	35
Chives	9, 14
Christmas Rose	16
Chrysanthemum	11, 14, 35
Chrysogonum	15
Ciccoria catalogna	30
Cimicifuga	15
Clarkia	35
Clematis	12
Cleome	35
Climbing Roses	27
Clovers	43
Coat-Flower	20, 42
Cockscomb	33, 35
Coleus	9
Collards	30
Columbine	13, 33, 40
Coneflower	19
Coral Bells	16, 41
Coreopsis	15, 41
Corn	29, 35
Cornflower	8, 14, 35, 41
Cornflower Aster	19, 42
Corn Salad	30
Cosmos	8, 35
Cover Crops	43
Cowslip	15, 17
Cranesbill	15
Cucumbers	8, 30
Cup-and-Saucer	14, 40
Cup Garden Tools	47
Cupid's Dart	14
Cynoglossum	35

Dahlias	8, 9, 23, 35
Daisy, African	34, 35
Daisy, English	40
Daisy, Marguerite	9
Daisy, Michaelmas	14
Daisy, Painted	19, 42
Daisy, Shasta	14, 42
Daisy, Tabaka	39
Daisy, Yellow	40
Dandelion	30
Danes' Blood	14
Daphne	15
Day-Lily	16
Dead Nettle	17
Delivery Area, Free	15
Delphinium	10, 15, 41
Dianthus	15, 35, 41, 42
Dicentra	15
Dictamnus	15
Didiscus	35
Digitalis	15, 41
Dill	31
Dimorphotheca	8, 35
Disease Remedies	44, 45
Dodecatheon	15
Doronicum	15, 41
Dropwort	19
Dutchman's Breeches	15
Dutchman's Pipe	12
Dwarf Lace Plant	18, 28
Dwarf Roses	26
Echinops	15
Eggplant	8, 30
Endive	30
English Daisy	40
English Ivy	12, 16, 28
English Primrose	18
Epigaea	15
Epimedium	15, 28
Escarole	35
Eschscholtzia	35
Eucalyptus	12, 28
Euphorbia	35
Evening Primrose	17
Evergreens	6
Everlastings	34, 35, 36, 39
False Dragonhead	18, 42
False Indigo	14, 40
False Lupine	42
Fennel, Florence	31
Fertilizer	4, 5
Fertilizer Spreader	5
Ficocchia	31
Flax	17, 41
Florence Fennel	31
Floribunda Roses	26, 27
Floss Flower	8, 34
Flower Novelties	33
Flower Plants	8-20
Fl. Seed, Annual	33-39
Fl. Seed, Perennial	40-42
Flowering Shrubs	7
Flowering Tobacco	8, 37
Flowering Trees	7
Foam-Flower	30
Forget-me-not	17, 33, 35, 37, 42
Four o'Clock	37
Foxglove	15, 41
Fuchsia	9
Fungicides	44, 45
Funkia	15
Gaillardia	8, 15, 35, 41
Garden Books	45, 46
Garden Tools	47
Garland Flower	15
Gas Plant	15

Gaultheria	15, 28
Gayfeather	17, 41
Geranium	9, 15
Geum	16, 41
Ghost Plant	13
Gift Certificates	Cover
Gilliflower	8, 39
Gladiolus	21
Globe Amaranth	36
Globe-Flower	20
Globe Thistle	15
Gloxinias	22
Gold Moss	15
Golden Star	17
Gourds, Ornamental	9, 36
Grass Seed Mixtures	23
Mertensia	17
Mexican Sunflower	39
Michaelmas Daisy	14
Mignonette	37
Milfoil	13
Miniature Gladiolus	21
Miniature Roses	19
Money Plant	9, 17
Monarda	38
Monkshood	13
Moonflower	37
Morning-Glory	9, 33, 37
Moss Pink	17, 28
Moss Rose	8, 38
Mushrooms	29
Muskmelons	8, 31
Mustard	31
Myosotis	17, 33, 37, 42
Myrtle	20, 28
Nasturtium	37
Nemesia	9
Nepeta	9, 17
Nicotiana	8, 37
Nierembergia	17, 37
Nigella	37
Oconee Bells	19
Oenothera	17
Okra	31
Onions and Sets	31
Ornamental Corn	35
Ornamental Gourds	9, 36
Pachysandra	17, 28
Painted Daisy	19, 42
Painted Tongue	8, 38
Pansies	9, 37, 42
Papaver	10, 18, 37, 42
Parsley	8, 31
Parsnip	31
Pasque Flower	13
Peachbell	14
Peas	29
Pentstemon	18
Peonies	10, 18
Peppermint	9, 17
Peppers	8, 31
Perennial Larkspur	15
Perennial Plants	10-20
Perennial Seed	40-42
Periwinkle	20, 28
Persian Candytuft	13
Peruvian Daffodils	23
Pest Remedies	44, 45
Petunias	8, 9, 33, 38
Phlox	9, 17, 28, 37
Physostegia	18, 42
Pincushion Flower	8, 19, 38, 42
Pinks	15, 35, 41
Plants for Borders	20
Plant Food	15
Plant Foods, Soluble	5
Planting Chart	Cover

Plants of:	
Annual Flower	8, 9
Herbs	9
Pansies	9
Perennial Flr.	10-20
Vegetables	8
Platycodon	18, 42
Plumbago	18
Polemonium	18
Polyanthus	18
Polygonum	12, 18, 28
Poor Man's Box	19
Poppy	10, 18, 35, 37, 42
Portulaca	8, 38
Pot Marigold	8, 34
Primrose	17, 18, 42
Pulmonaria	18
Pumpkins	32
Pyrethrum	19, 42
Radishes	32
Ranunculus	23
Red-hot Poker	20, 42
Rhubarb	8
Reticum	19
Rod. Cress	13, 14, 40
Rockfoil	19
Rosa	19
Rose Collections	25, 27
Rose Geranium	9
Rosemary	9, 31
Roses, Climbing	27
Roses, Dwarf	26
Roses, Floribunda	26, 27
Roses, Hybrid Tea	24, 26
Roses, Miniature	19
Rudbeckia	19
Rutabaga	19
Sage	8, 9, 19, 31, 33, 38
Salpiglossis	8, 38
Salsify	32
Salvia	8, 9, 19, 33, 38
Sandwort	13, 28
Santolina	9, 19
Saponaria	19, 42
Savory, Summer	9, 31
Saxifraga	19
Scabiosa	8, 19, 38, 42
Scotch Bluebell	14
Sea Lavender	19, 39
Sea Pink	40
Sedum	19, 28
Seed, Annual Flr.	33-39
Seed, Lawn Grass	2, 3, 43
Seed, Perennial	40-42
Seed, Vegetable	29-32
Seeders, Lawn	5
Sempervivum	19
Shasta Daisy	14, 42
Shooting Star	15
Shorea	19
Shrub, Flowering	7
Silver Lace Vine	12
Snakeroot	15
Snagdragon	8, 38
Snow-in-Summer	14
Snow-on-Mountain	35
Soapwort	19, 42
Soil-Builders	4, 5
Soil Test Kits	5
Sorrel	32
Speedwell	20, 28, 42
Spider Flower	35
Spinach	32
Spiraea	14, 19
Spreaders, Fertilizer	5
Spruce, Japan	17, 28
Squash	8, 32
Stachys	19
Star of Texas	39
Starwort	14, 40
Statice	19, 39
Stocks	8, 39
Stokesia	19, 42
Stoncrop	19, 28
Strawflower	36
Summer Bulbs	21-23
Summer Cypress	36
Summer Savory	9, 31
Sunflower	16, 36, 39
Sweet Alyssum	8, 34
Sweet Basil	9, 30
Sweet Corn	39
Sweet Marjoram	9, 31
Sweet Peas	33, 39
Sweet Sultan	35
Sweet William	42
Sweet Woodruff	9, 14, 28
Swiss Chard	32
Tagetes	8, 36, 37
Tahoka Daisy	39
Taragon	9, 39
Tecumseh	19
Thalictrum	19
Thermopsis	19, 42
Thrift	13, 40
Thunbergia	39
Thyme	9, 20, 28, 31
Tiarella	20
Tickseed	15, 41
Tigridia	23
Tithonia	39
Tobacco, Flg.	8, 37
Tomato	8, 32
Tools, Garden	47
Torenia	8, 39
Trailing Arbutus	15
Trees, Flowering	7
Trillium	20
Tritoma	20, 42
Trollius	20
Trumpet Flower	16
Trumpet Vine	12
Tuberose	23
Tufted Pansies	42
Tunica	20, 42
Turnip	32
Turtle-Head	14
Ursinia	39
Valeriana	9, 20
Vegetable Plants	8
Vegetable Seeds	29-32
Verbena	8, 39
Veronica	20, 28, 42
Vinca	9, 20, 28
Vines, Hardy	12
Viola	42
Violet	20
Virginia Cowslip	17
Virginia Creeper	12, 28
Virgin's Bower	12
Vitex	20
Wake Robin	20
Wallflower	42
Watermelon	8, 32
Weed Killers	43, 45
White Mugwort	13
Windflower	13, 40
Wintercreeper	12
Wintergreen	15, 28
Wishbone Flower	8, 39
Wisteria	12
Yarrow	13
Yucca	20
Zinnias	8, 39



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Start these Vegetables indoors, or buy our plants

	Seed for 50-ft. row	Depth to cover seed (in.)	Days from seed indoors to setting plants in garden	Set plants out in your garden	No. plants for 50-ft. row	No. feet between rows	Plants apart in rows (in.)	Days from setting plants to table size
Broccoli.....	Pkt.	1/4	35	April and July	35	2 1/2	18	70
Brussels Sprouts...	Pkt.	1/4	35	April and July	35	2 1/2	18	80
Cabbage, Early....	Pkt.	1/4	35	Apr. 1 to June 1	40	2 1/2	15	62-75
Cabbage, Late....	Pkt.	1/4	35	June 15 to July 15	35	3	18	88-100
Cauliflower, Early..	Pkt.	1/4	35	Apr. 1 to May 1	35	2 1/2	18	50-60
Cauliflower, Late...	Pkt.	1/4	35	June 15 to July 1	35	3	18	55-60
Celery and Celeriac.	Pkt.	1/4	55	April and July	96	2 1/2	6	85-115
Eggplant.....	Pkt.	1/4	55	May 15 to June 20	35	2 1/2	18	80
Kohlrabi.....	1/4 oz.	1/4	35	April 1 to July	150	1 1/2	4	25
Lettuce, Head.....	Pkt.	1/4	30	Mar. to Apr.; Aug.	60	1 1/2	10	30-50
Parsley.....	1/4 oz.	1/4	45	Apr. 1 to July 1	200	1	3	30
Peppers.....	Pkt.	1/4	50	May 15 to June 15	35	2	18	70-72
Tomato, Staked....	Pkt.	1/4	45	May 15 to June 15	25	4	24	69-90
Tomato, Unstaked..	Pkt.	1/4	45	May 15 to June 15	12	4	48	69-90

Sow these Vegetable Seeds right in your Garden

		Number of Sowings	Days sowings apart	SOW SEED OUTDOORS	Seed for 50-ft. row	Feet between rows	Inches to cover seed	Inches apart in row	Ready to pick (days)
• For succession plant 2 or 3 kinds at same time.									
• Means several				§ Or plant 6 seeds around 7 ft. rough poles, 3 ft. apart. Thin to 3					
Beans, Dwarf.....	*	14		May 1 to Aug. 1	1 1/2 lb.	2	2	3	48-53
Beans, Pole§.....	1	—		May 15 to June 15	1 1/2 lb.	3 1/2	2	8	65
Beans, Bush Lima..	2	14		May 20 to June 10	1 1/2 lb.	2 1/2	1	10	66-74
Beans, Pole Lima§..	1	—		May 20 to June 10	1 1/2 lb.	3 1/2	1	10	90-92
Beets.....	*	14		Apr. 1 to July 15	Oz.	1	1	2	58-63
Cardoon.....	1	—		May 10	1 1/2 oz.	2 1/2	1 1/2	15	150
Carrots.....	5	21		Apr. 1 to July 15	1 1/2 oz.	1	1 1/2	2	66-76
Chinese Cabbage....	1	—		July 1 to Aug. 1	Pkt.	2 1/2	1 1/2	12	70
Collards.....	*	30		April to July	Pkt.	3	1 1/2	18	75
Corn Salad.....	2	—		April and Sept.	1 1/2 oz.	2	1 1/2	3	45
•Corn, Sweet.....	3	14		May 15 to July 15	2 pkts.	3	1	8	59-91
Cucumbers.....	1	—		May 15 to June 15	1 1/2 oz.	4	1 1/2	12	54-72
Dandelion.....	2	—		April and July-Aug.	1 1/2 oz.	1 1/2	1 1/2	10	60-95
Endive.....	*	30		Apr. 1 to July 15	1 1/2 oz.	1 1/2	1 1/2	12	90-95
Kale.....	2	—		April and Aug.	1 1/2 oz.	2	1 1/2	12	55
Kohlrabi.....	*	30		April to July	1 1/2 lb.	1 1/2	2	4	55
Leeks.....	1	—		April or May	1 1/2 oz.	1 1/2	1 1/2	4	135
Lettuce, Head.....	2	—		Mar., Apr. and Aug.	1 1/2 oz.	1 1/2	1 1/4	10	57-82
Lettuce, Loose-leaf.	*	21		March to Aug.	1 1/2 oz.	1 1/2	1 1/4	8	40-45
Muskmelon.....	1	—		May 20 to June 10	1 1/2 oz.	6	1 1/2	12	88-90
Mustard.....	*	20		Apr. 1 to Aug. 1	Pkt.	1	1 1/4	4	40
Okra.....	1	—		May 15 to June 15	Oz.	3	1	18	50
Onions.....	*	30		Apr. 1 (Scallions* to July)	1 1/2 oz.	1	1 1/2	4	110
Parsley.....	2	40		Apr. 1 to June 10	1 1/2 oz.	1	1 1/2	2	72-90
Parsnip.....	1	—		Apr. 1 to May 15	1 1/2 oz.	1 1/2	1 1/2	3	120
•Peas.....	1	—		Mar. 15 to May 10	1 1/2 lb.	3	2	2	57-74
Pumpkin.....	1	—		May 15 to June 15	Oz.	6	1	18	100-115
Radish, Early.....	*	10		March to Sept.	Oz.	1	1 1/2	1	23-30
Radish, Summer...	1	—		May 1 to June 15	Oz.	1	1 1/2	2	40
Radish, Winter....	1	—		July 1 to Aug. 20	Oz.	1 1/2	1 1/2	3	55
Rutabaga.....	1	—		June 15 to Aug. 1	1 1/2 oz.	2	1 1/2	4	85
Salsify.....	1	—		Apr. 1 to May 15	Oz.	1 1/2	1 1/2	2	150
Sorrel.....	2	—		April and July	Pkt.	1 1/2	1 1/2	1	60
Spinach.....	*	14		Mar. 15-May 15; Aug.	Oz.	1 1/2	1 1/2	6	39-48
Spin., New Zealand.	1	—		Apr. 1 to May 30	Oz.	3	1	24	60
Squash, Summer...	1	—		May 20 to June 20	1 1/2 oz.	4	1	36	39-42
Squash, Winter....	1	—		May 20 to June 10	Oz.	8	1	18	80-110
Swiss Chard.....	2	30		Apr. 1 to May 30	Oz.	1 1/2	1	8	50-60
Turnips.....	1	—		Apr. 1-May 15; Aug.	1 1/2 oz.	1	1 1/4	3	45-75
Watermelon.....	1	—		May 20 to June 20	1 1/2 oz.	8	1	18	65-85



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